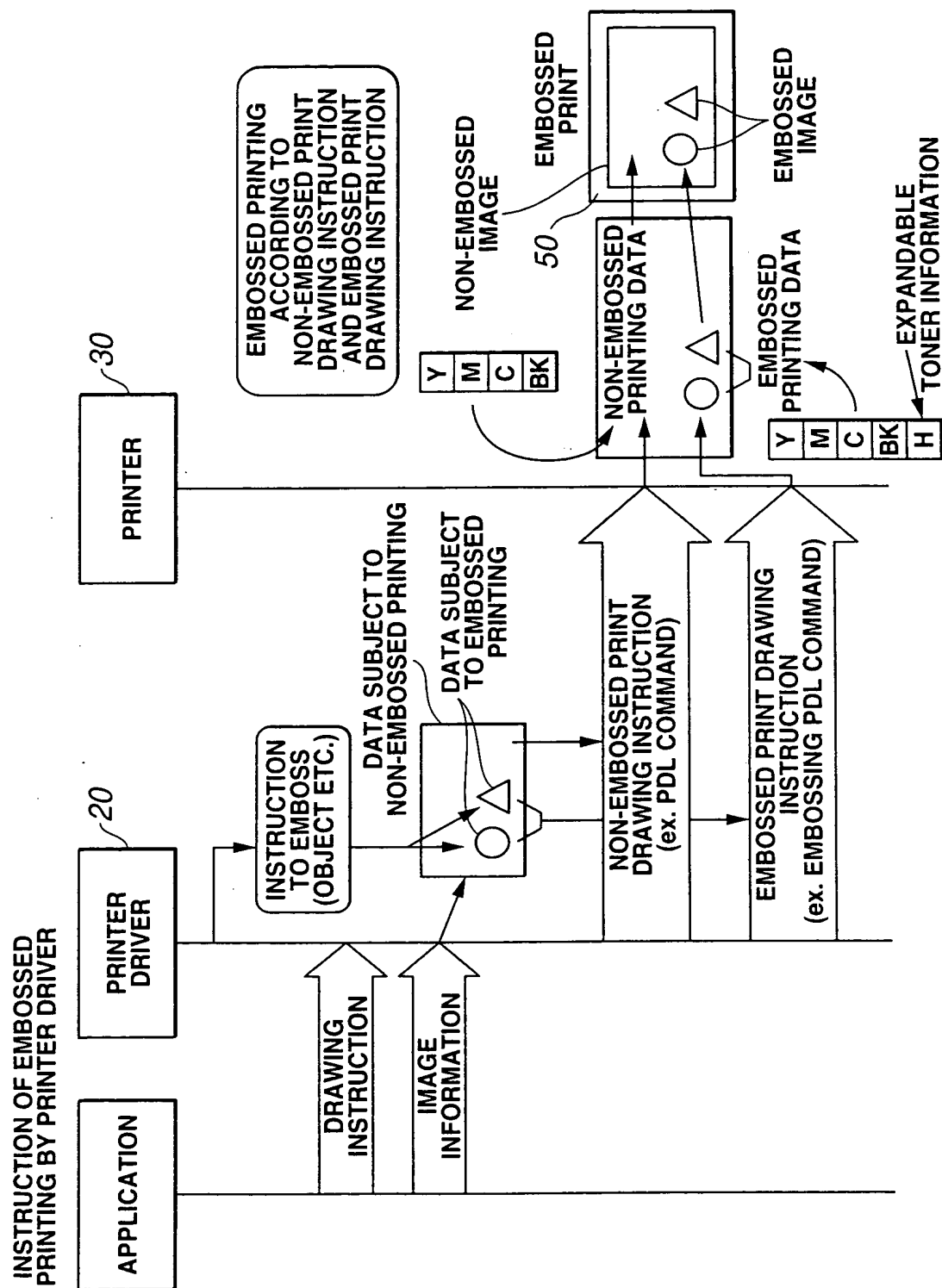


FIG.1



**INSTRUCTION OF EMBOSSED
PRINTING BY PRINTER**

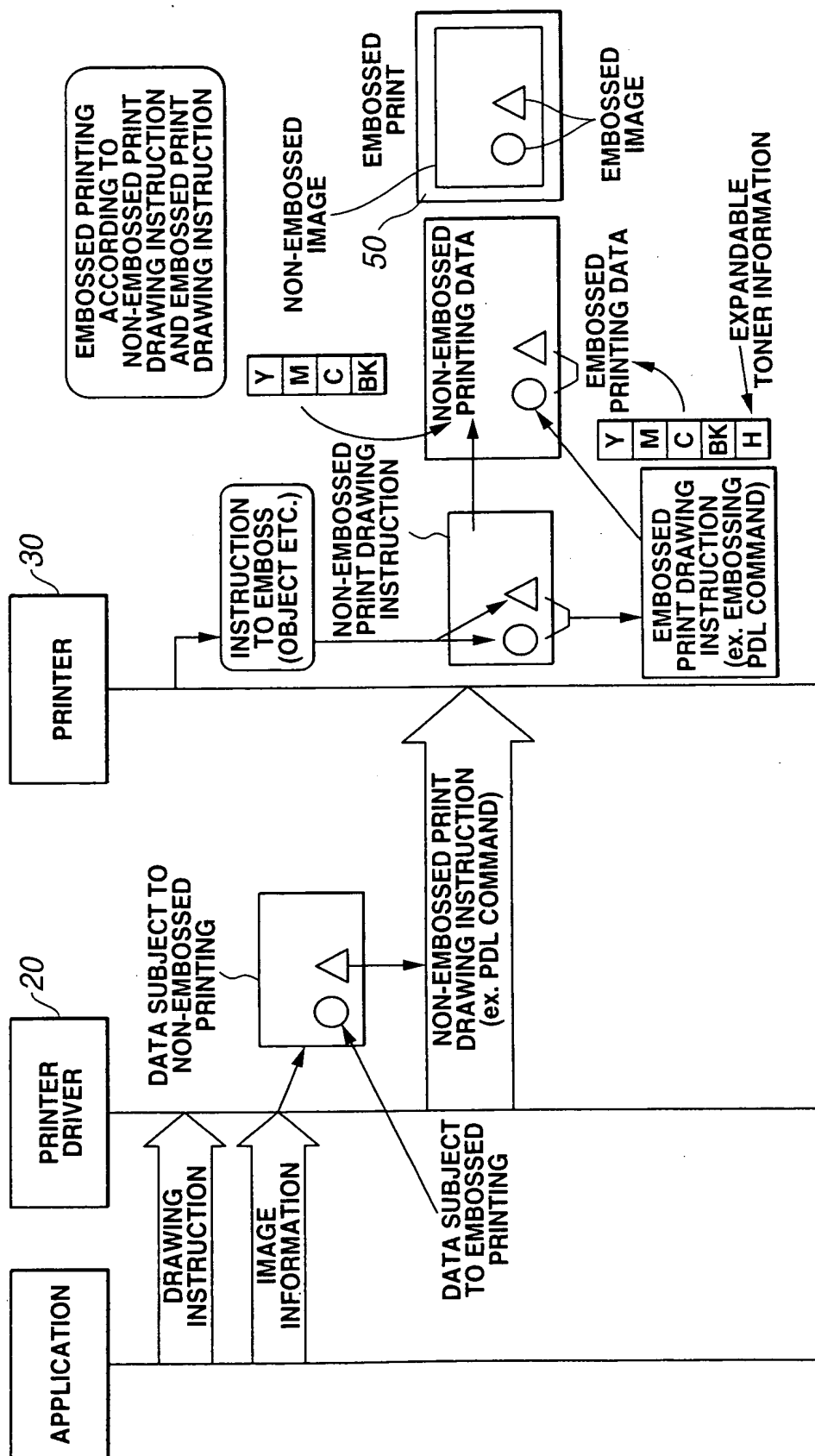


FIG.3

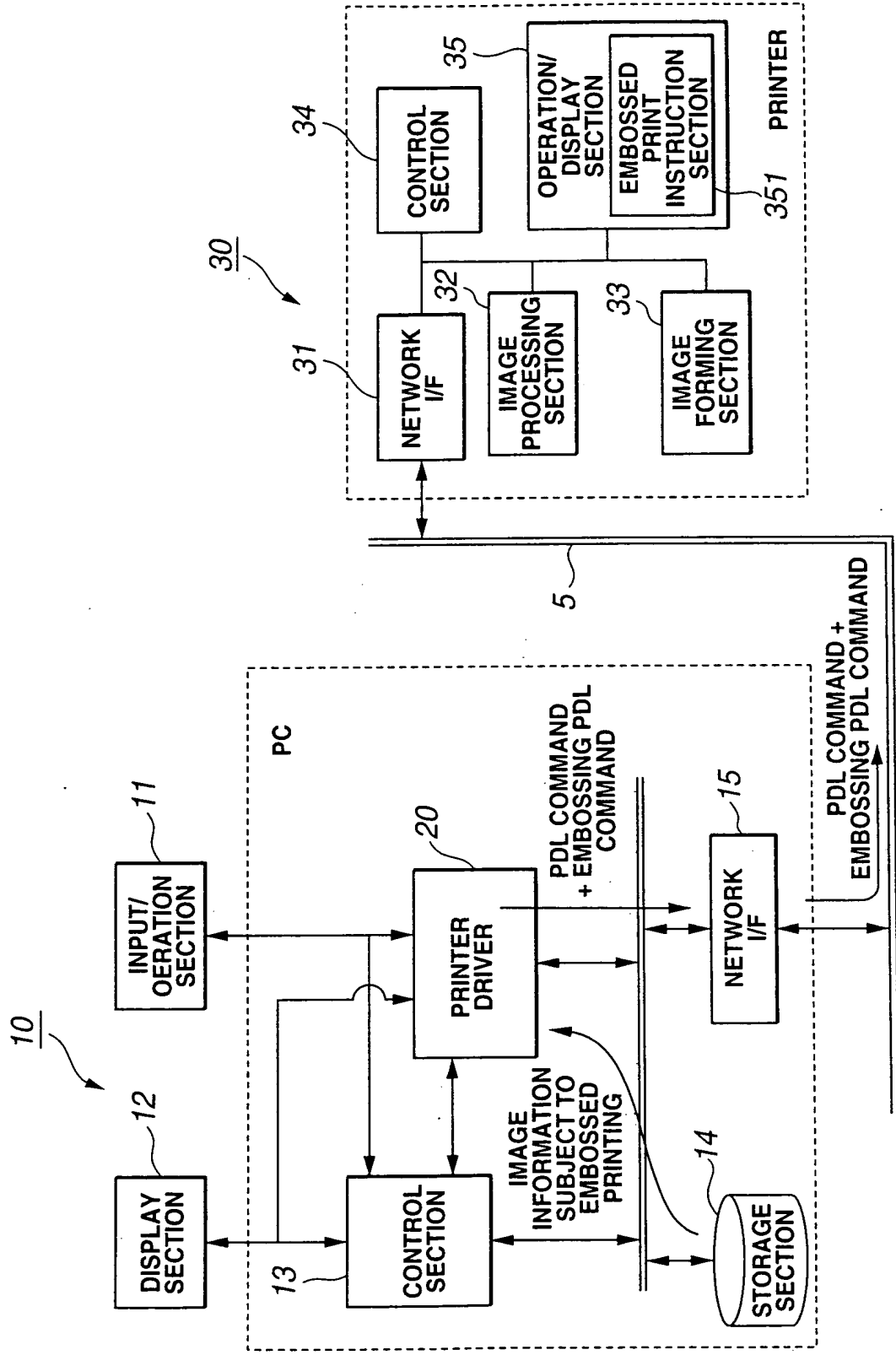


FIG.4

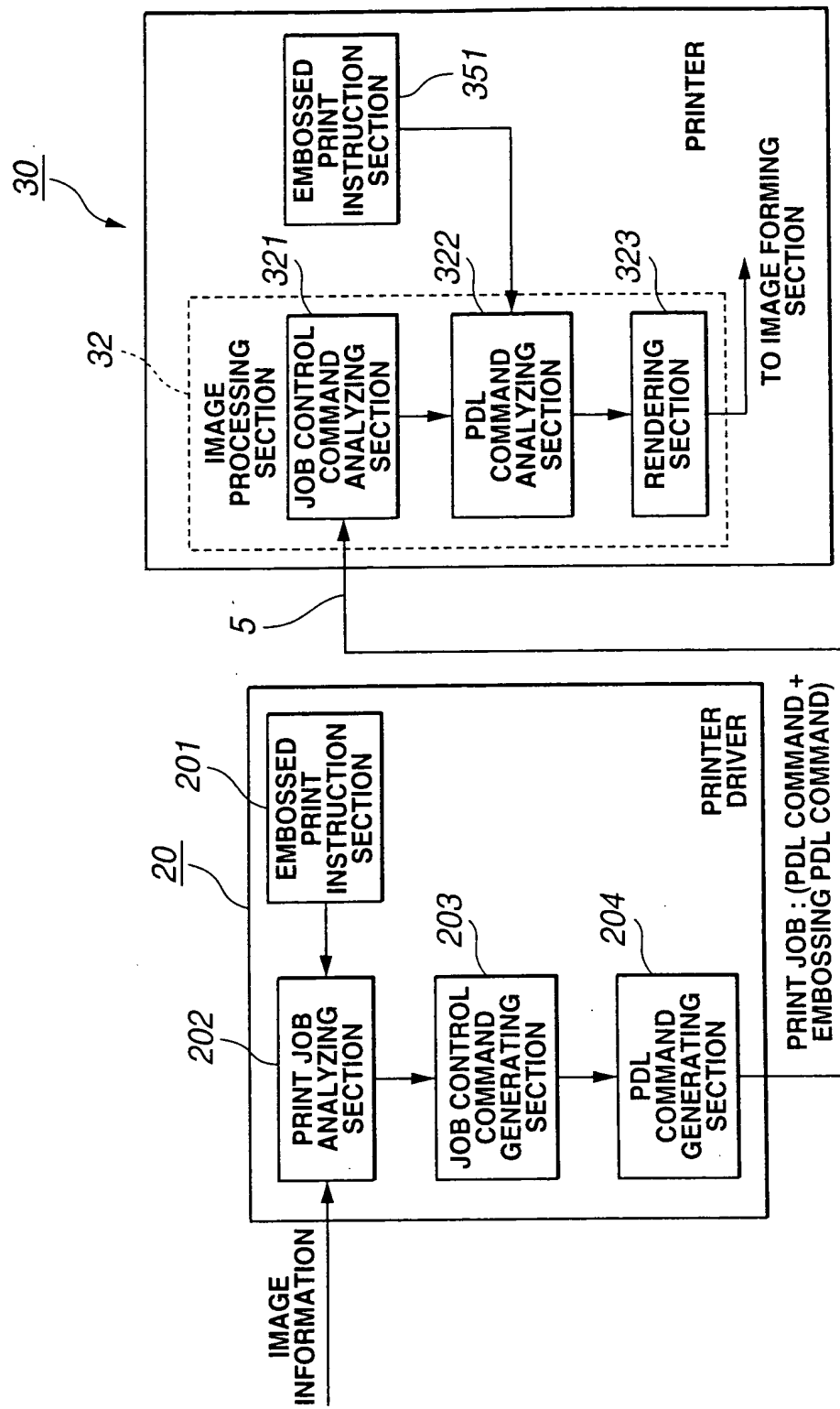


FIG.5

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**EMBOSSSED
PRINT SETTING**

PRIORITY OF EMBOSSSED PRINTING DESIGNATION
☒ USE OF DRIVER SETTING ☐ USE OF PRINTER SETTING

EMBOSSSED PRINT DESIGNATION
☒ EMBOSSSED PRINTING ☐ PSEUDO EMBOSSSED PRINTING
☒ PRINTING EMBOSSSED IMAGE LAST ☐ PRINTING EMBOSSSED IMAGE FIRST

EMBOSSING TARGET DESIGNATION
☒ FONT
 Arial ▼
☐ FONT MODIFICATION
 BOLD ▼
☒ SPECIFIC SYMBOLS
 ※ ○ △ ▼
☒ GRAPHIC
 RECTANGLE ▼
☒ COLOR
 RED ▼
☐ IMAGE

OVERLAP DESIGNATION
☒ REFLECT OVERLAP
☐ DISREGARD OVERLAP
☐ NOT EMBOSS OVERLAP
☐ LOGIC OPERATION ON OVERLAP
 AND ▼

**ALLOCATION OF ATTRIBUTE
VALUE TO HEIGHT**
☒ CONVERT BRIGHTNESS INTO HEIGHT
☐ CONVERT CONTRAST INTO HEIGHT
☐ CONVERT EDGE INTO HEIGHT
☐ CONVERT DENSITY INTO HEIGHT

HEIGHT ADJUSTMENT
-100% 0 100%

FIG.6

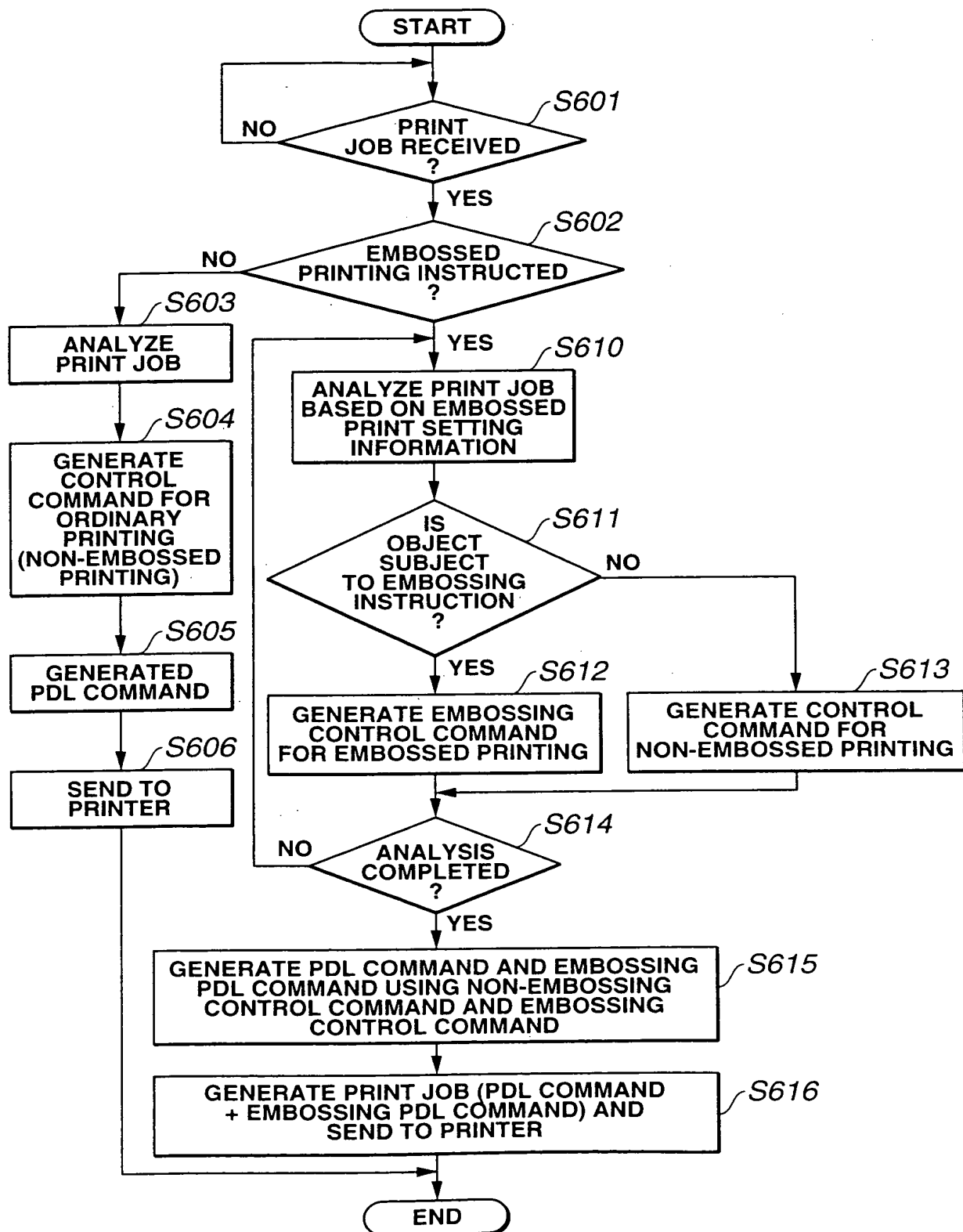


FIG.7

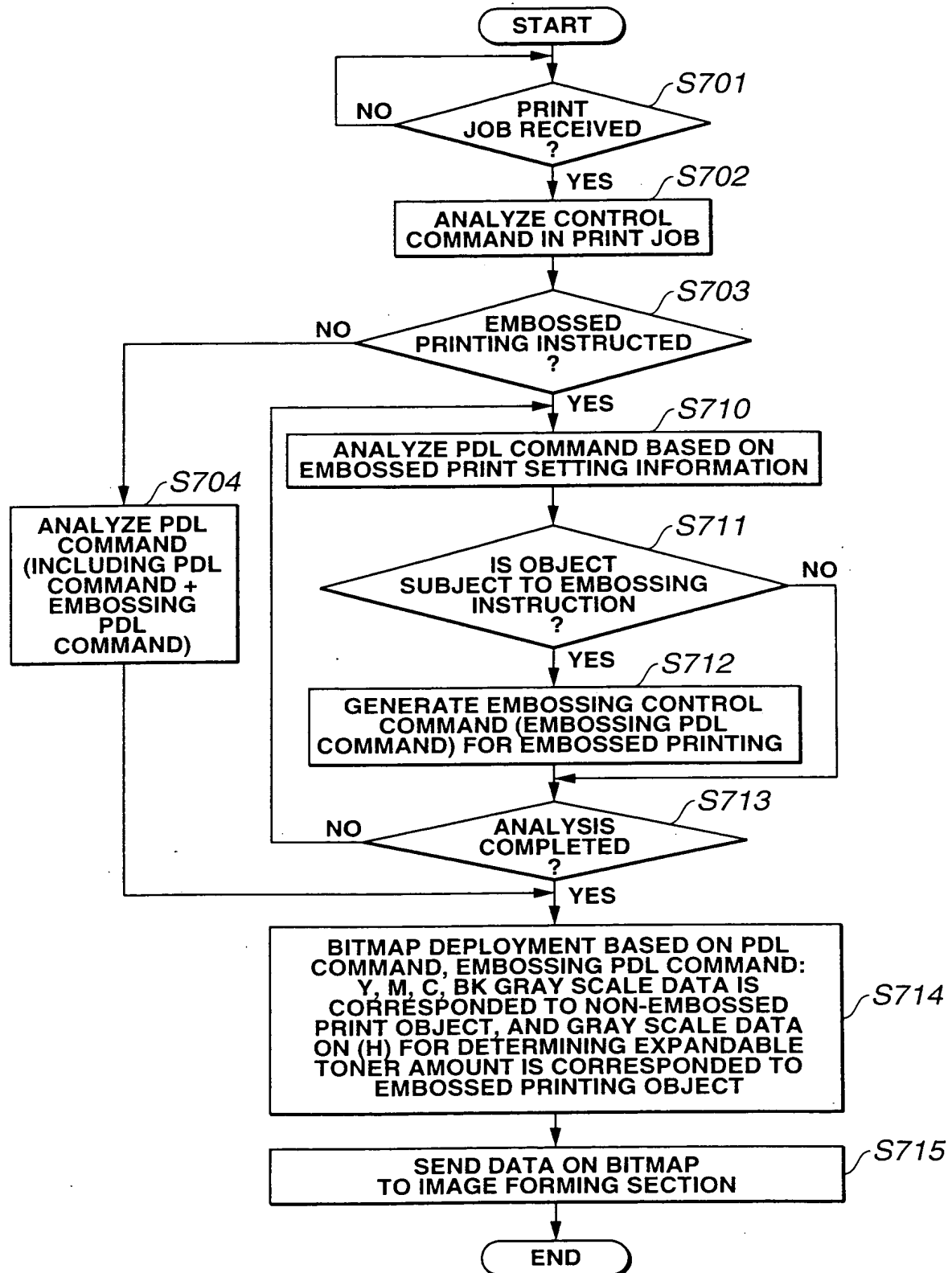


FIG.8A

TRANSFER
STEP (Y)

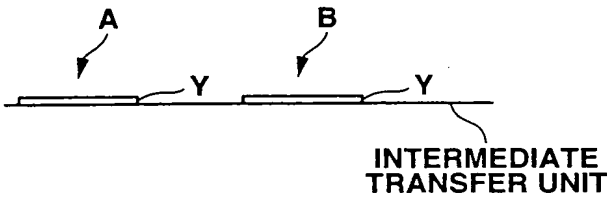


FIG.8B

TRANSFER
STEP (M)

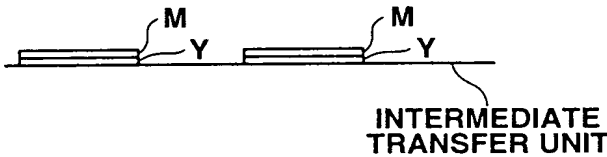


FIG.8C

TRANSFER
STEP (C)

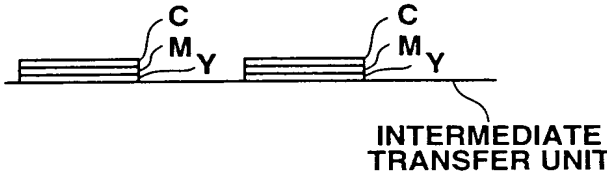


FIG.8D

TRANSFER
STEP (K)

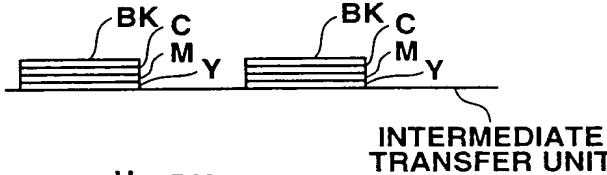


FIG.8E

TRANSFER
STEP (H)

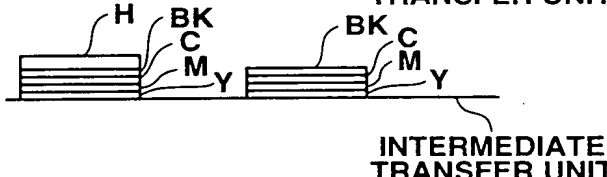


FIG.8F

SECONDARY
TRANSFER STEP

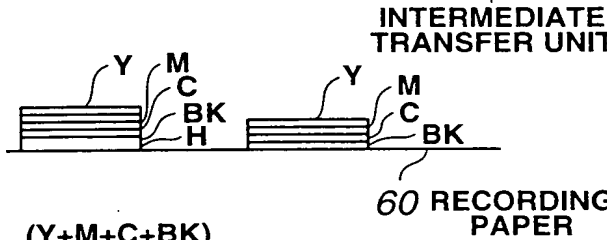


FIG.8G

FIXING STEP

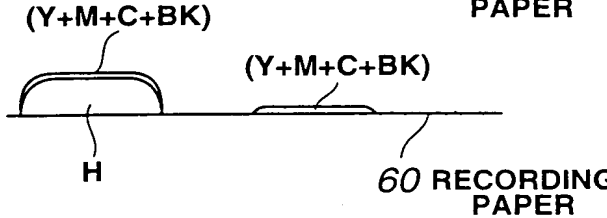


FIG.9A

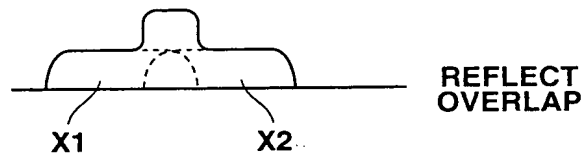


FIG.9B

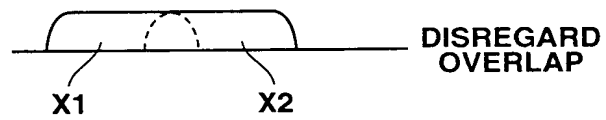


FIG.9C

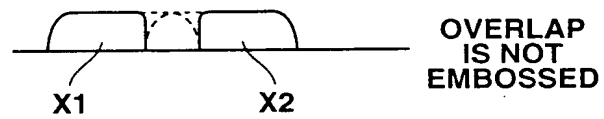


FIG.9D

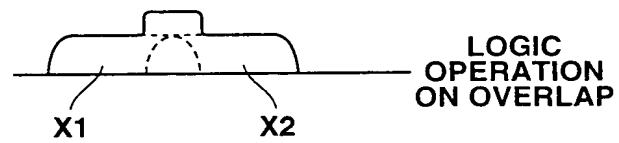


FIG.10

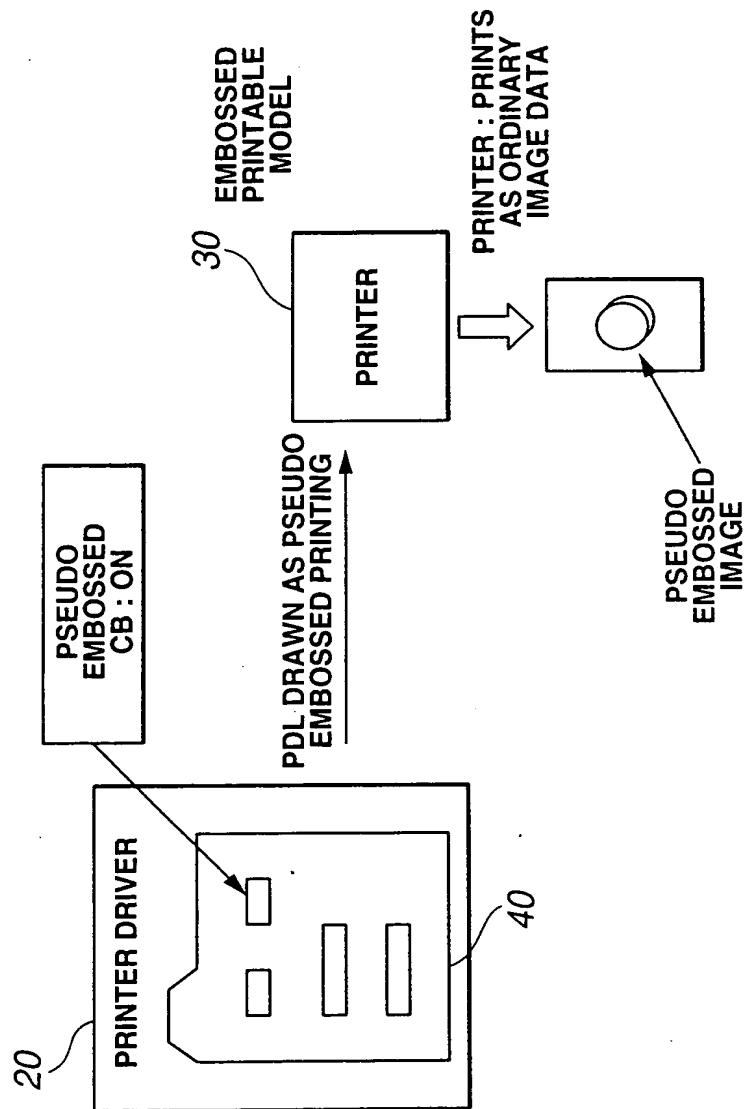


FIG.11A

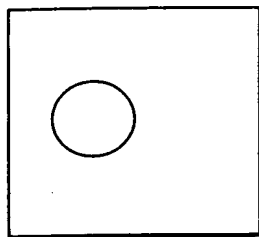


FIG.11B

DISPLACEMENT
IN PRESCRIBED
DIRECTION

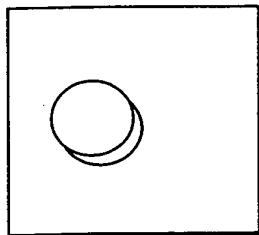


FIG.11C

ENHANCEMENT
OF CONTOUR

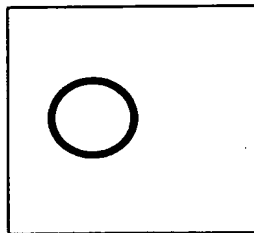


FIG.11D

INDICATION OF
SHADOW ON
THE PERIPHERY
BY GRADATION

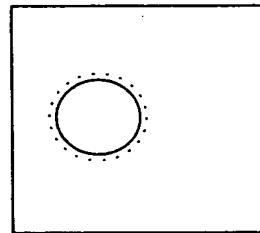


FIG.12

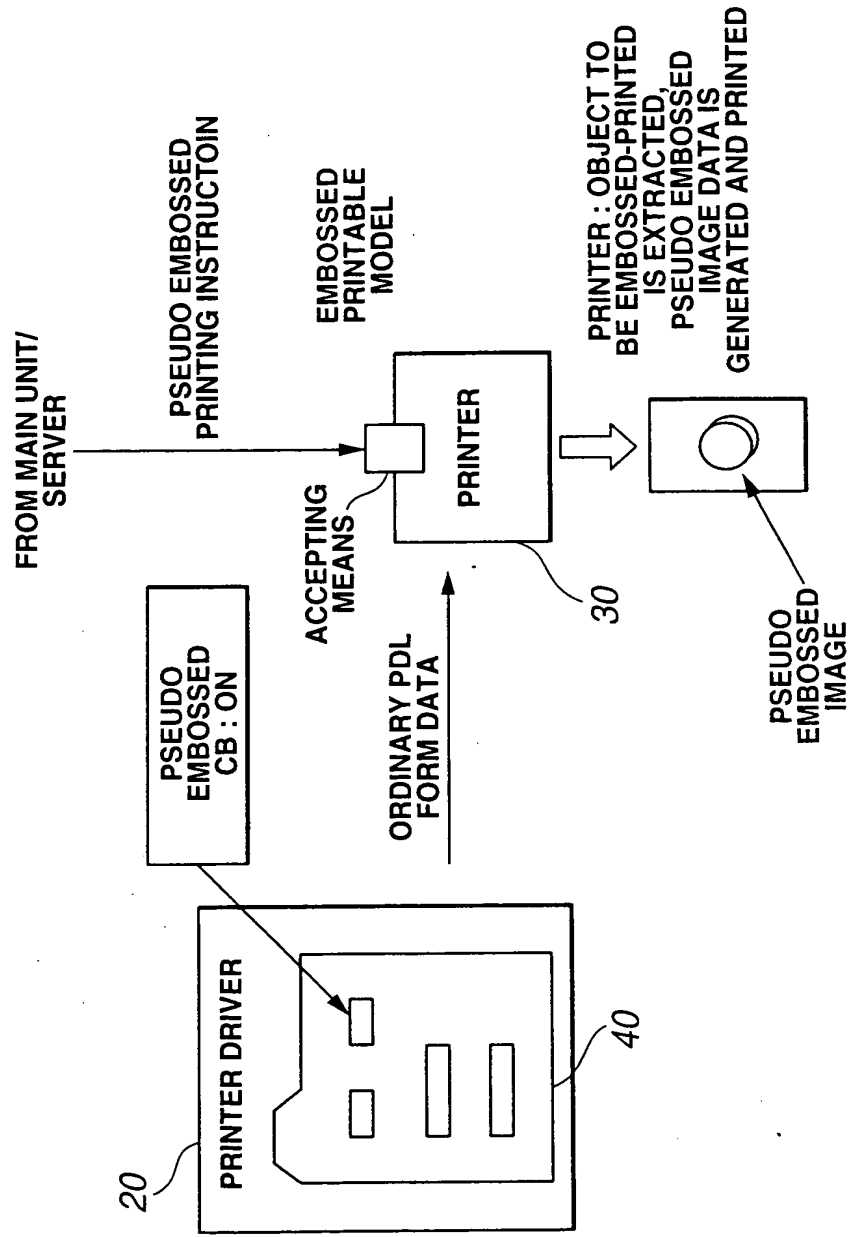


FIG.13

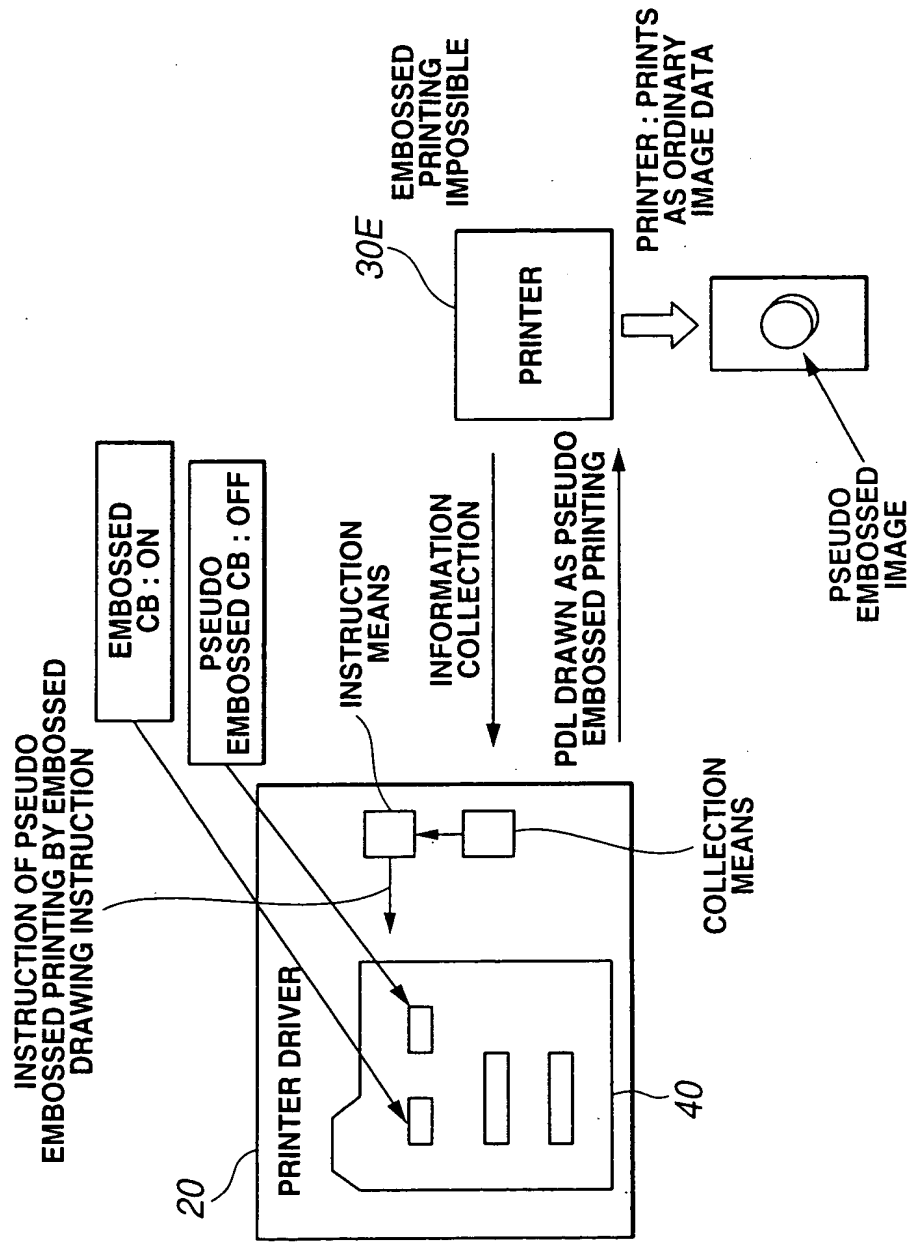


FIG.14

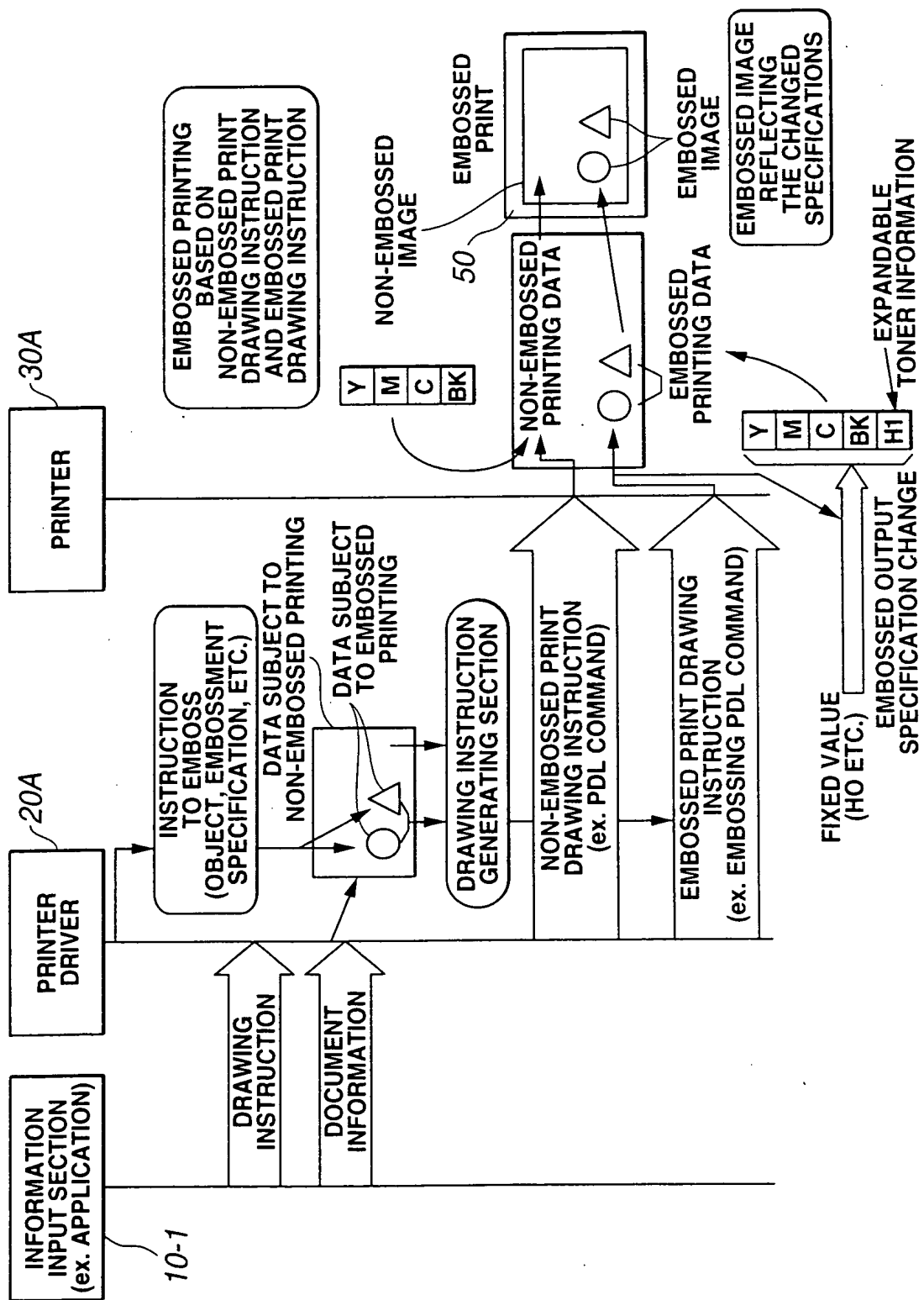


FIG.15

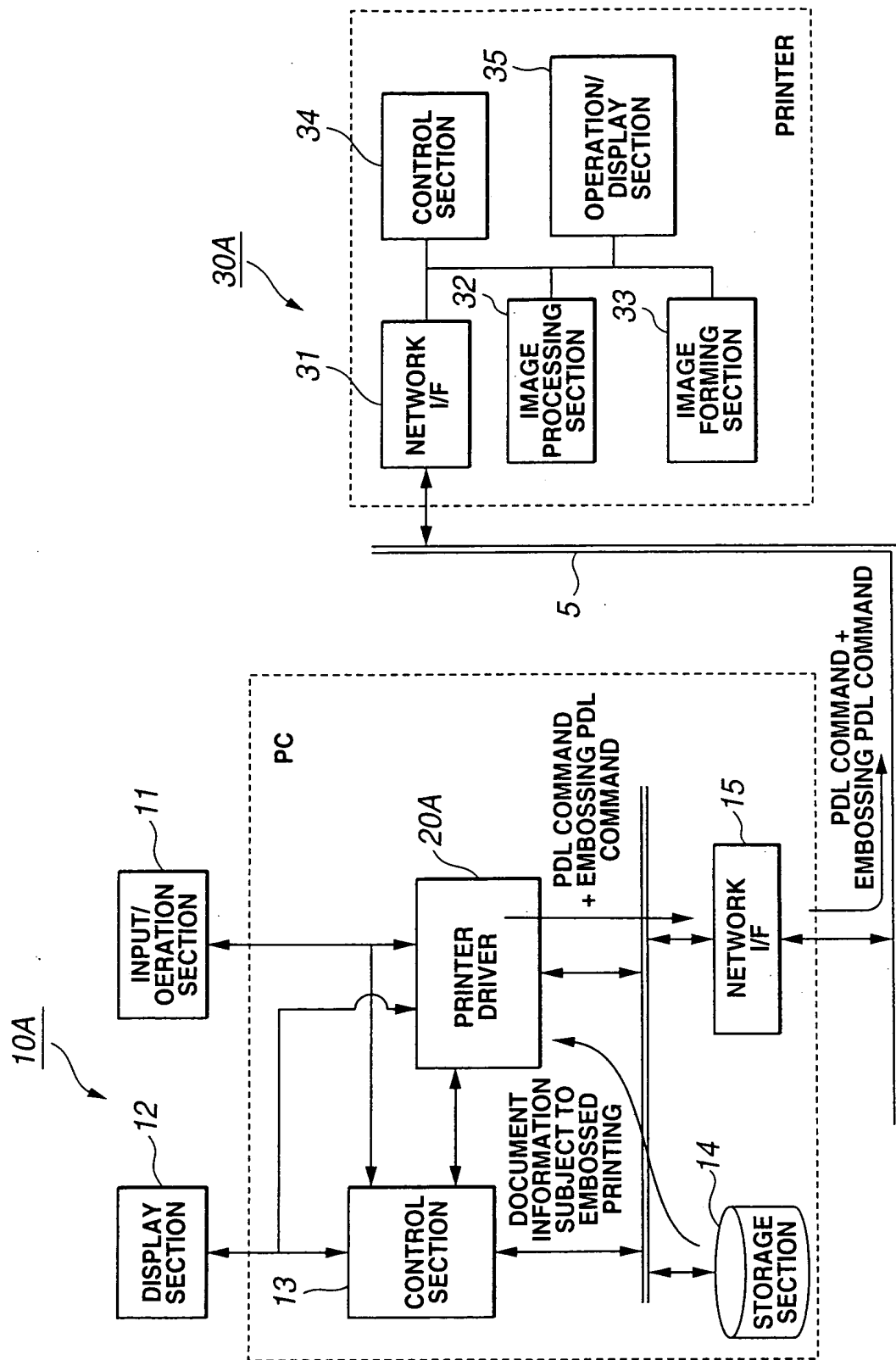


FIG.16

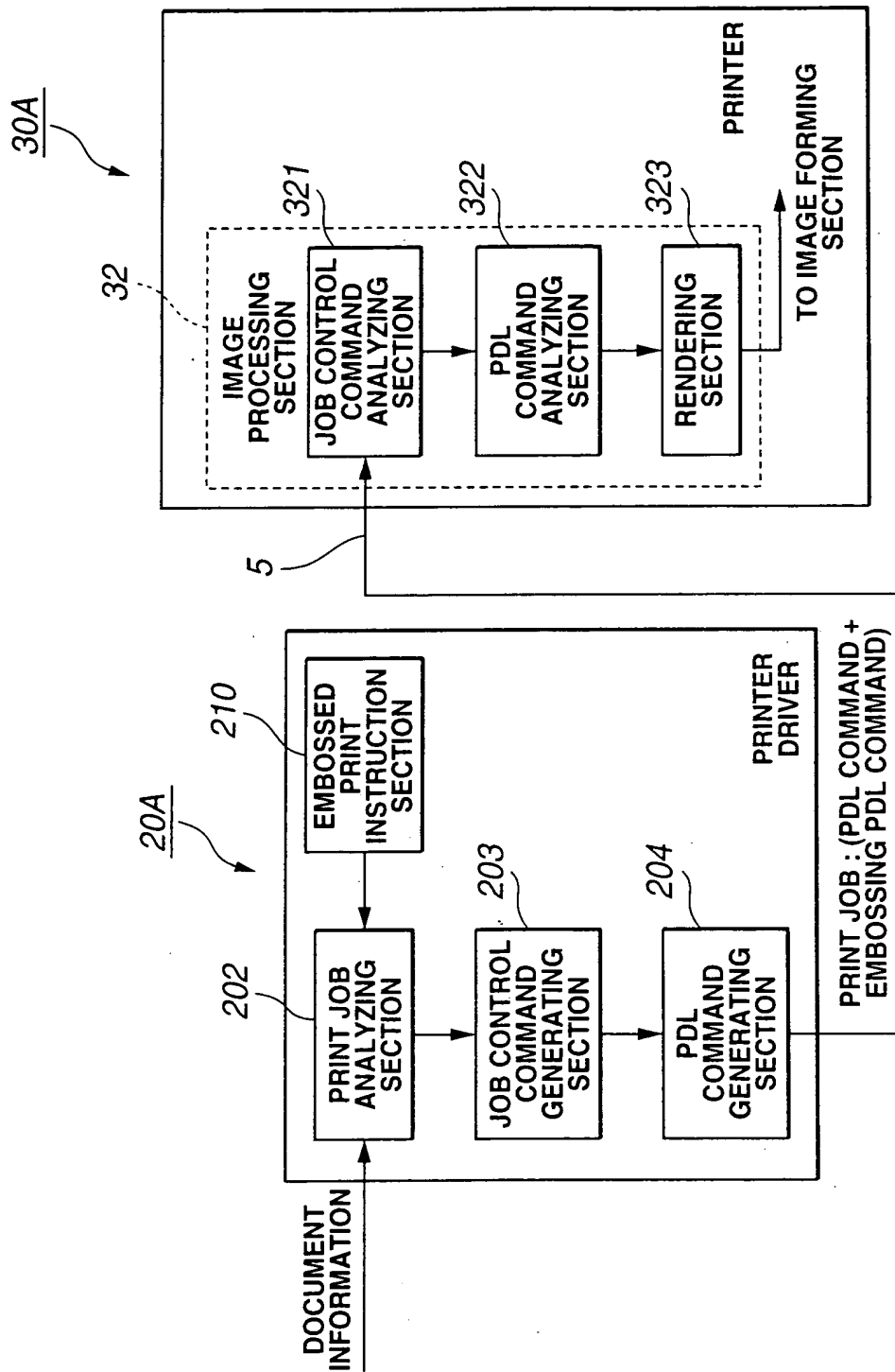


FIG.17

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EMBOSSSED PRINT SETTING

EMBOSSSED PRINT DESIGNATION

☒ EMBOSSSED PRINTING

☐ PSEUDO EMBOSSSED PRINTING

☒ PRINTING EMBOSSSED IMAGE LAST

☐ PRINTING EMBOSSSED IMAGE FIRST

EMBOSSING TARGET DESIGNATION

☒ FONT

☐ GRAPHIC

Arial▼

RECTANGLE▼

☐ FONT MODIFICATION

☒ COLOR

BOLD▼

RED▼

☒ SPECIFIC SYMBOLS

☐ IMAGE

※ ○ △▼

VARIATION DESIGNATION☒ HEIGHT☐ DATA SCALING

2mm▼

120%▼

☐ EMBOSSSED SHAPE☐ ENHANCEMENT OF A SOLID

SEMICYLINDRICAL FORM▼

SHADOWING▼

☒ COLOR ADDITION☐ EMBOSSSED SURFACE PATTERN

GRADATION 1▼

SHADE 1▼

OVERLAP DESIGNATION☒ REFLECT OVERLAP☐ DISREGARD OVERLAP☐ NOT EMBOSS OVERLAP☐ LOGIC OPERATION ON OVERLAP

AND▼

ALLOCATION OF ATTRIBUTE VALUE TO HEIGHT☐ CONVERT BRIGHTNESS INTO HEIGHT☐ CONVERT CHROMA INTO HEIGHT☐ CONVERT HUE INTO HEIGHT☐ CONVERT DENSITY INTO HEIGHT

FIG.18

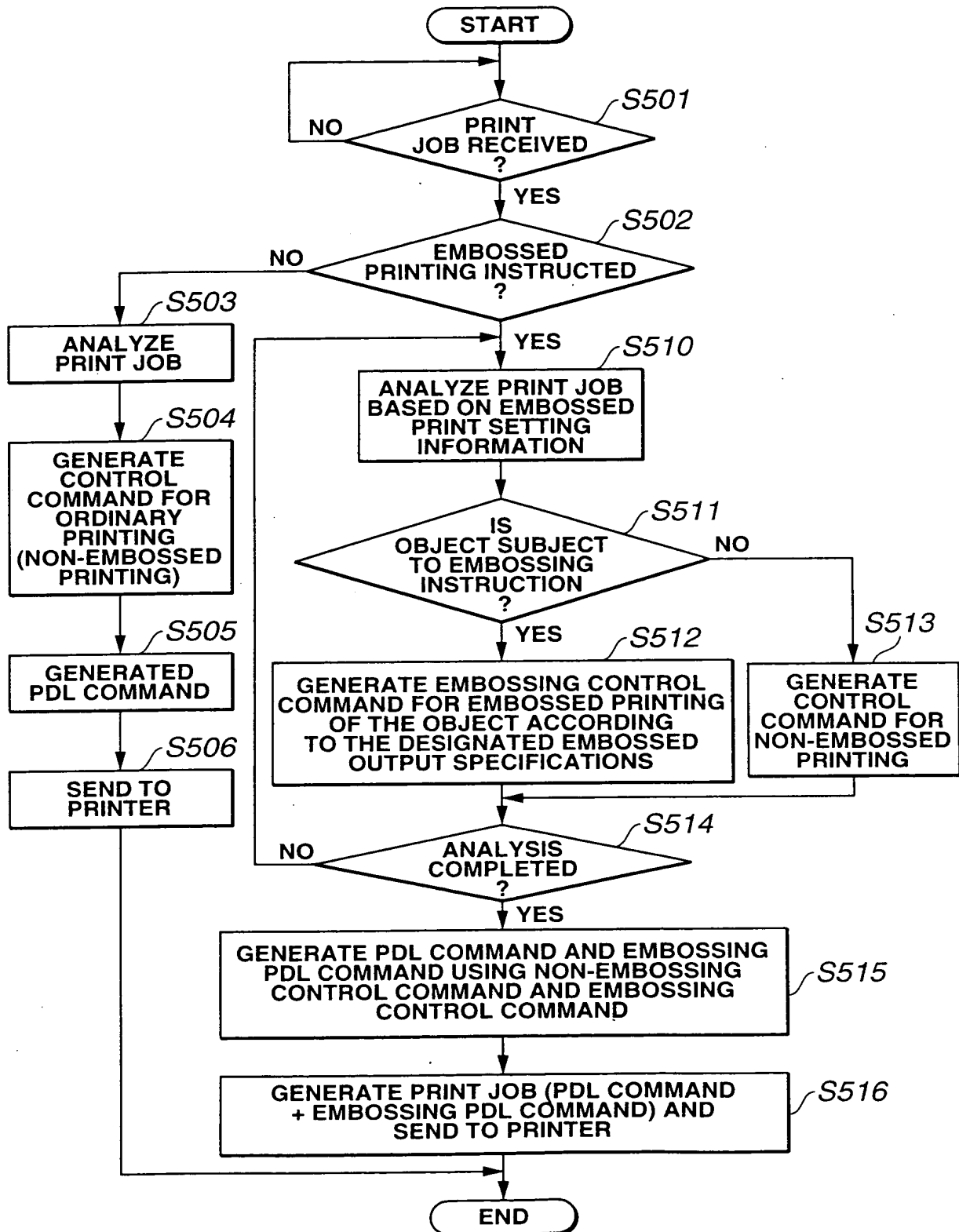


FIG.19

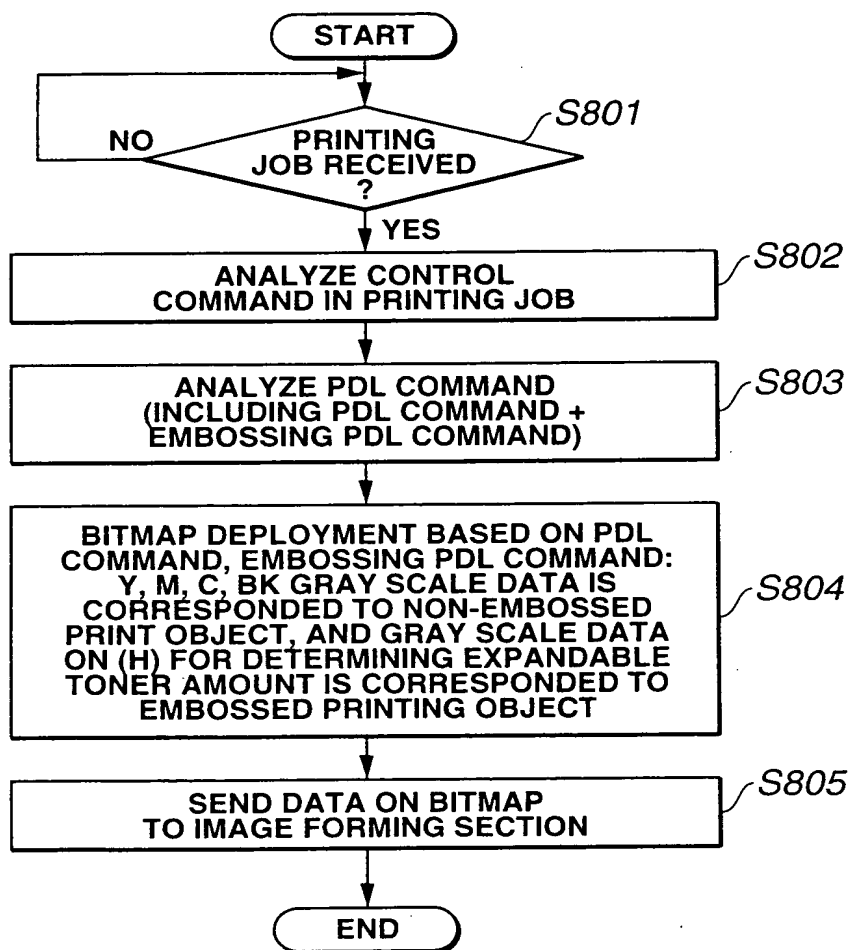


FIG.20

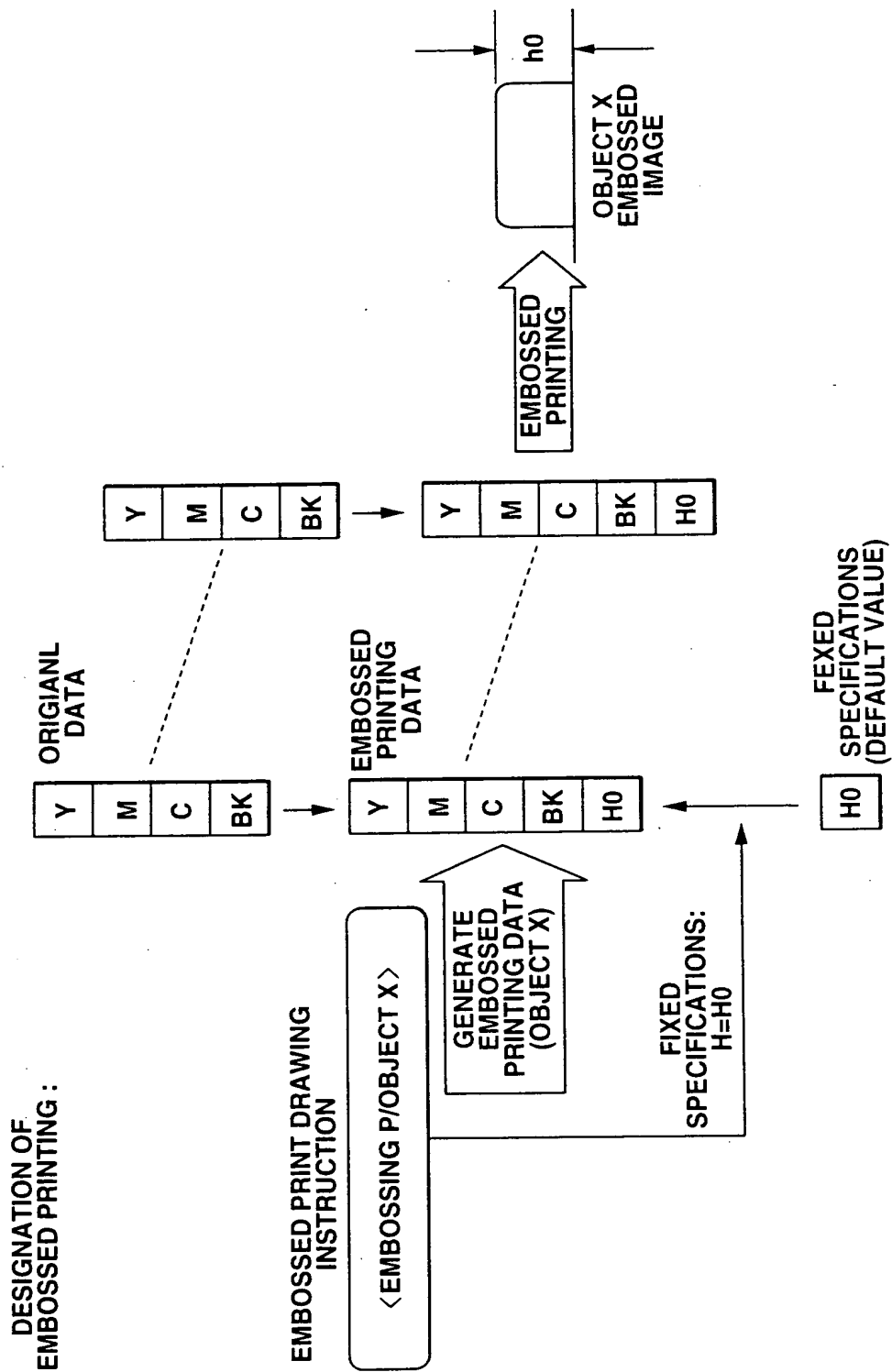


FIG. 21

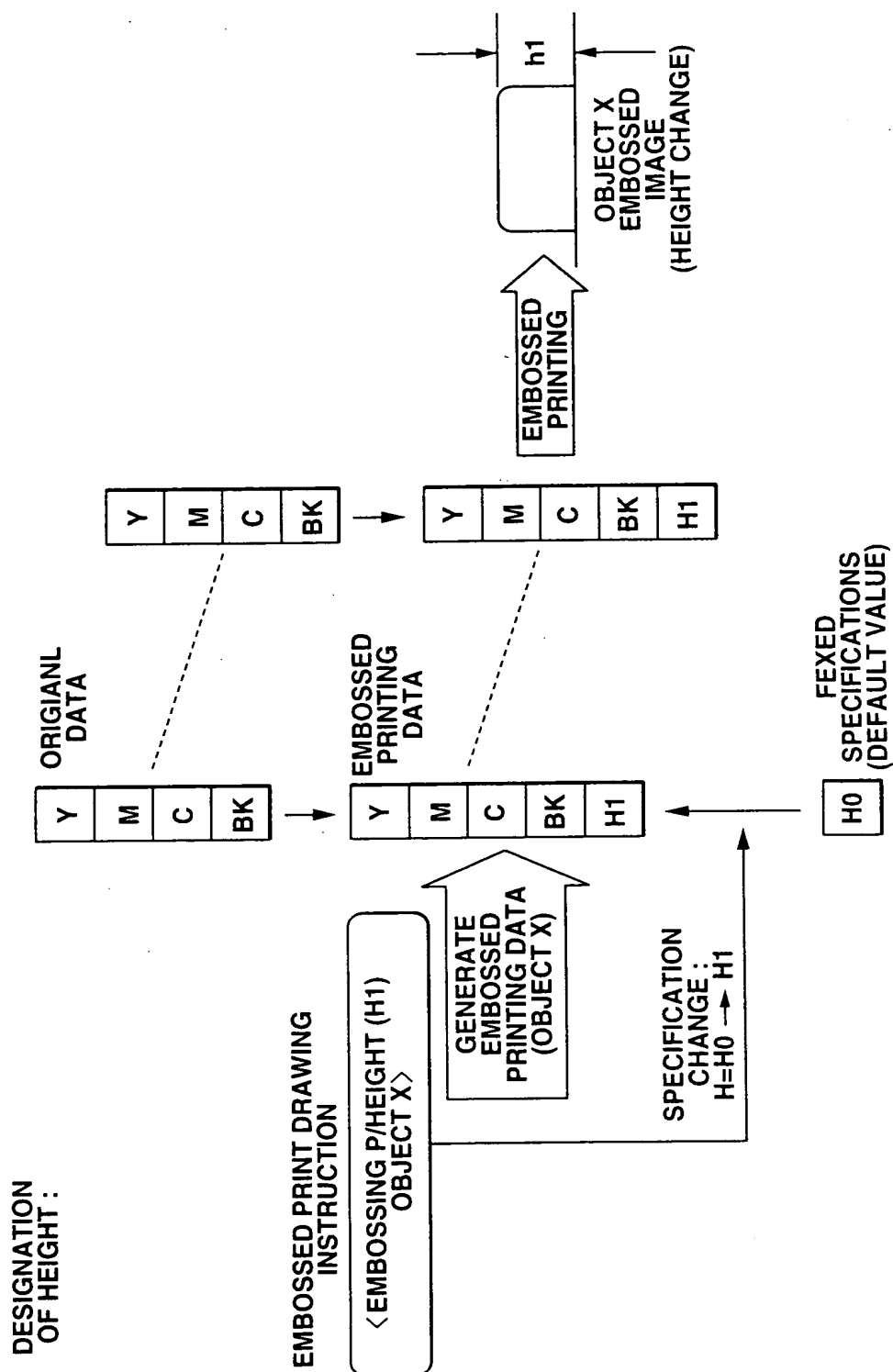


FIG.22

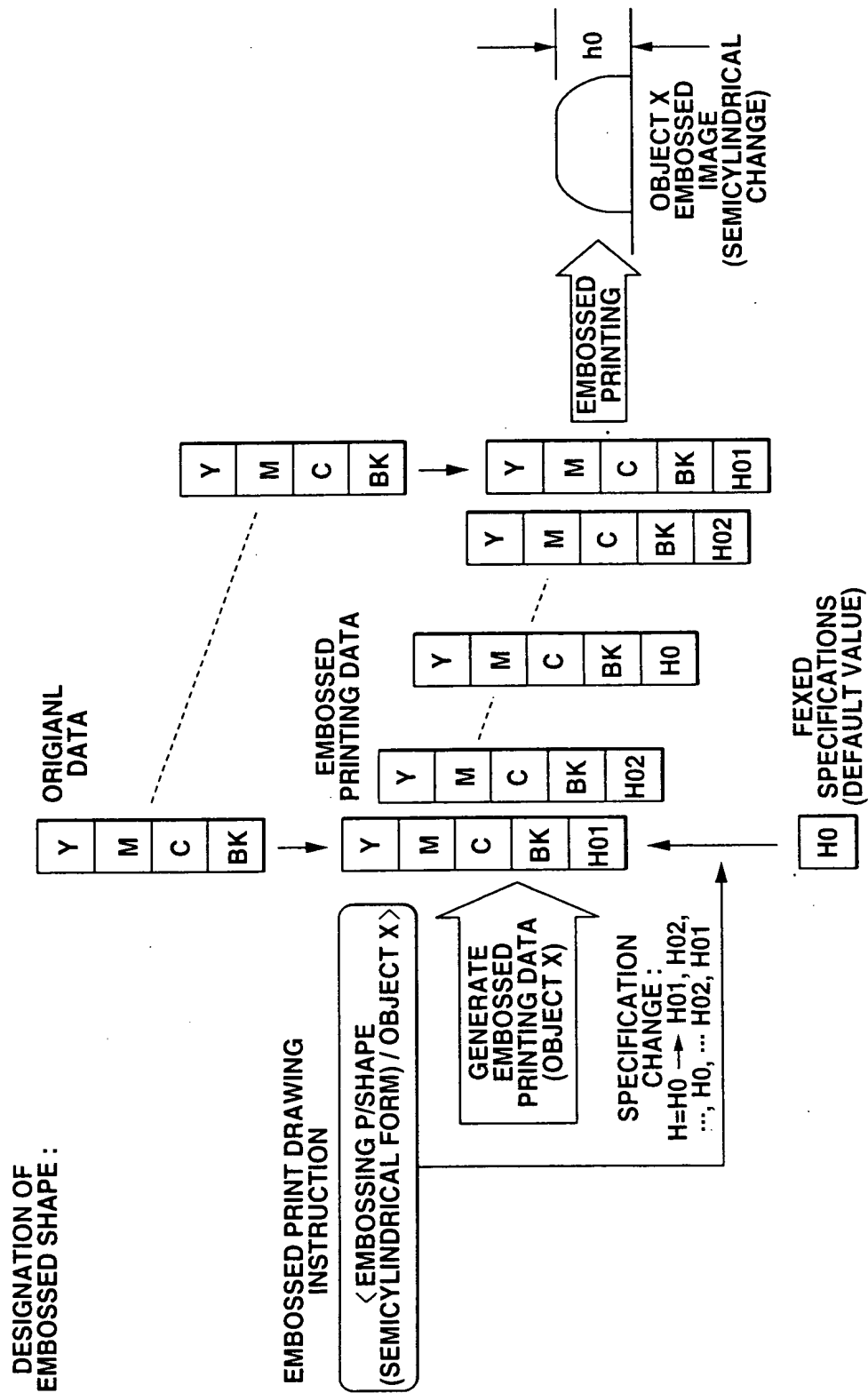


FIG. 23

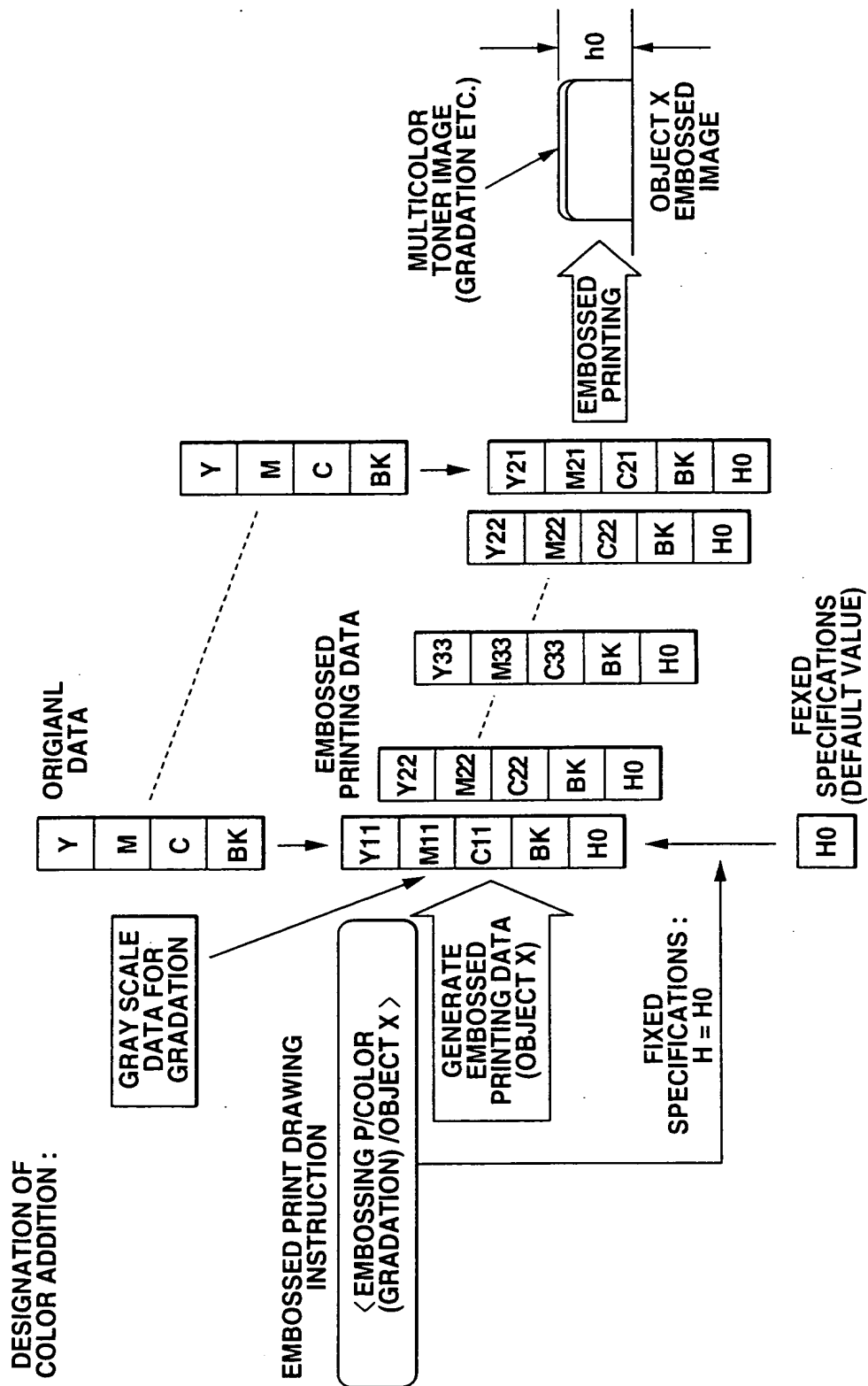


FIG.24

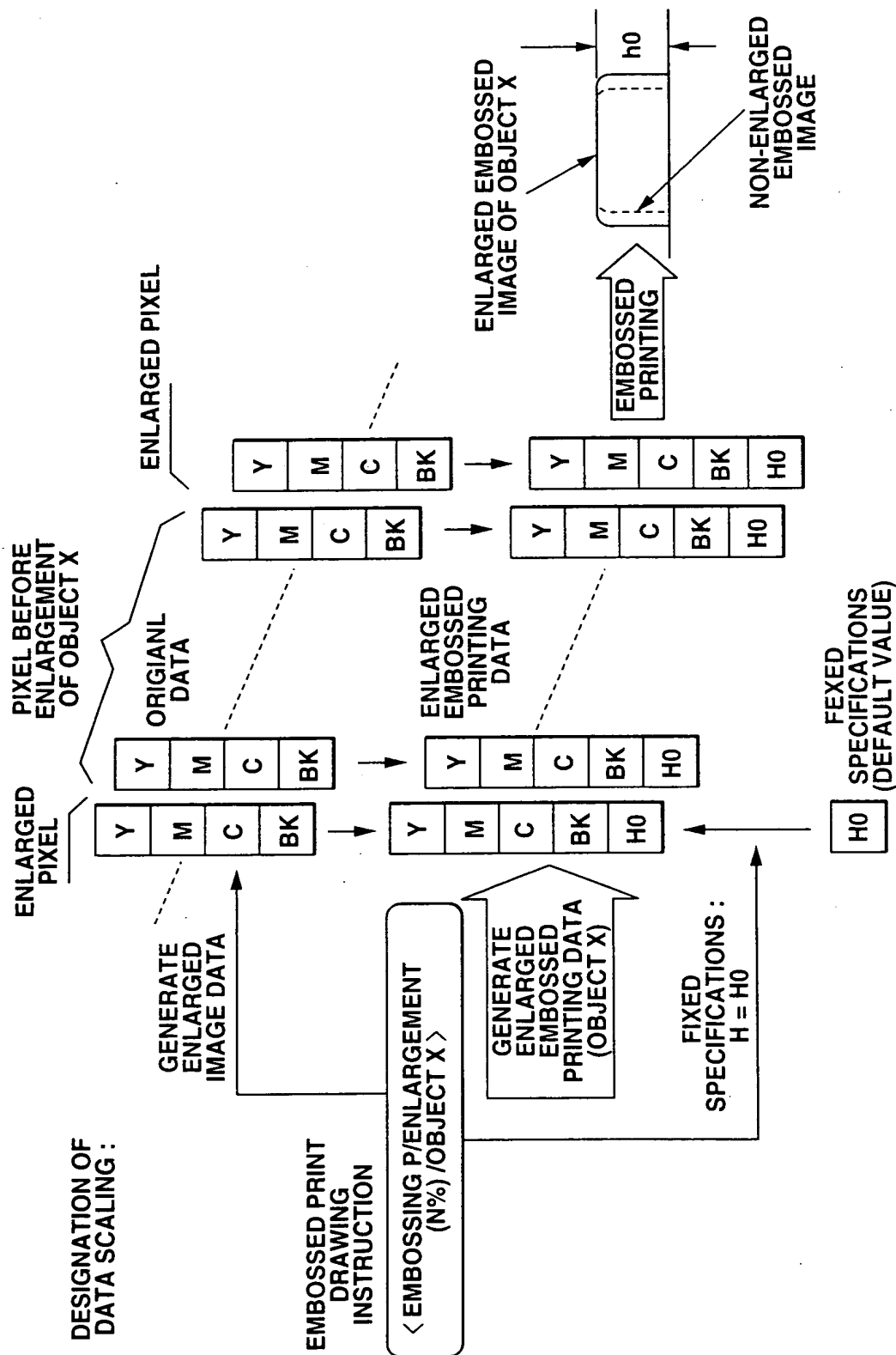


FIG. 25

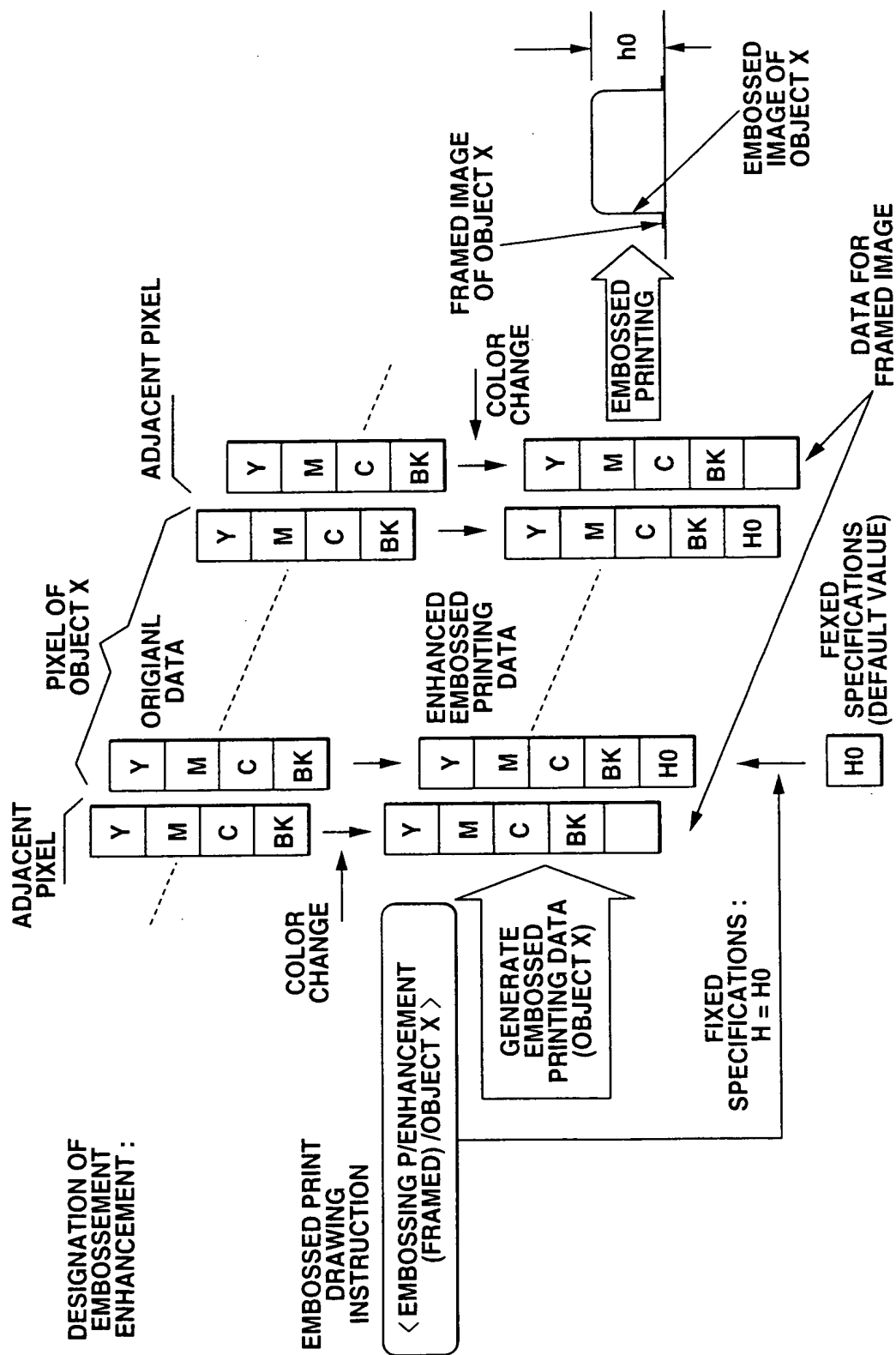


FIG.26

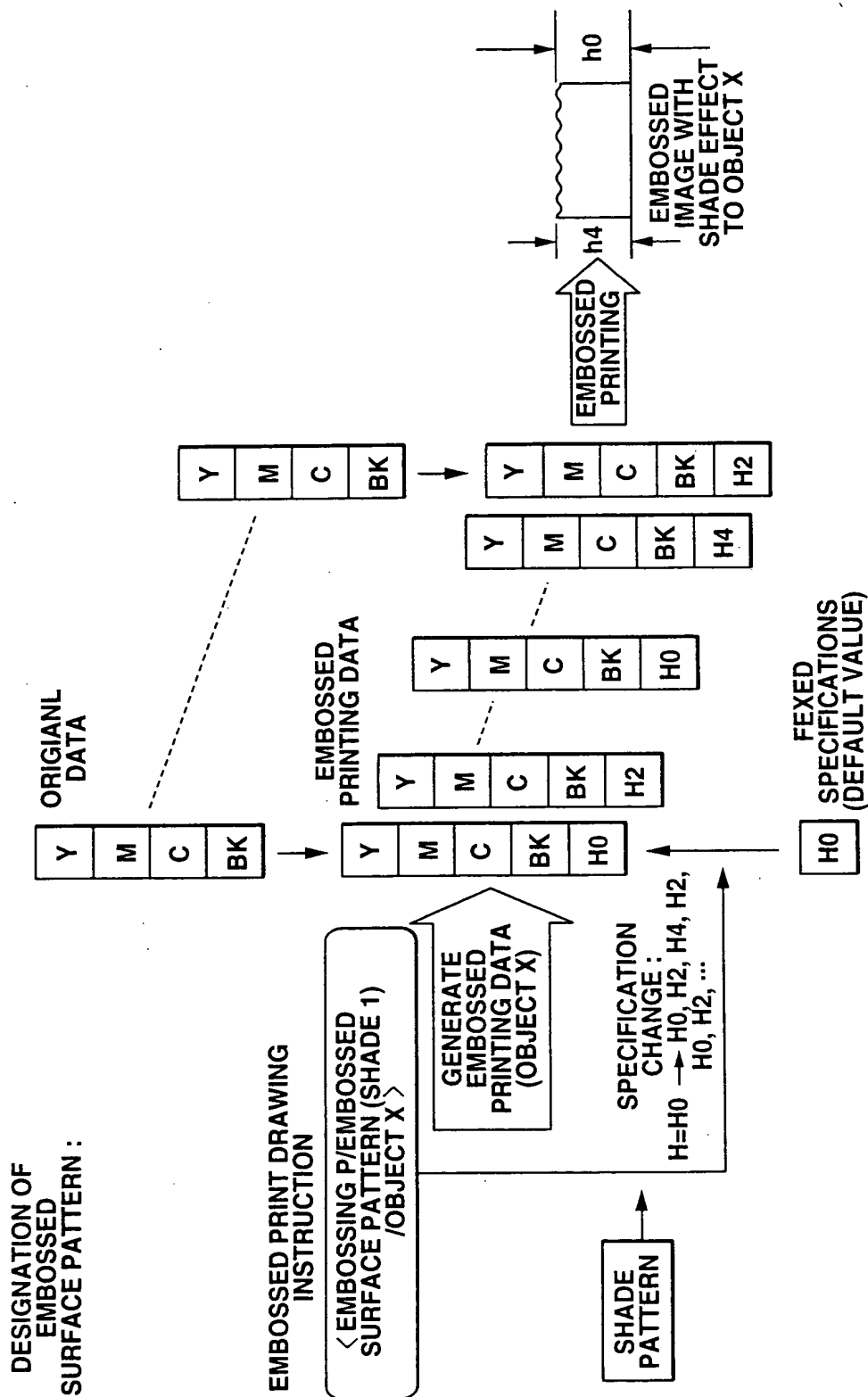


FIG.27

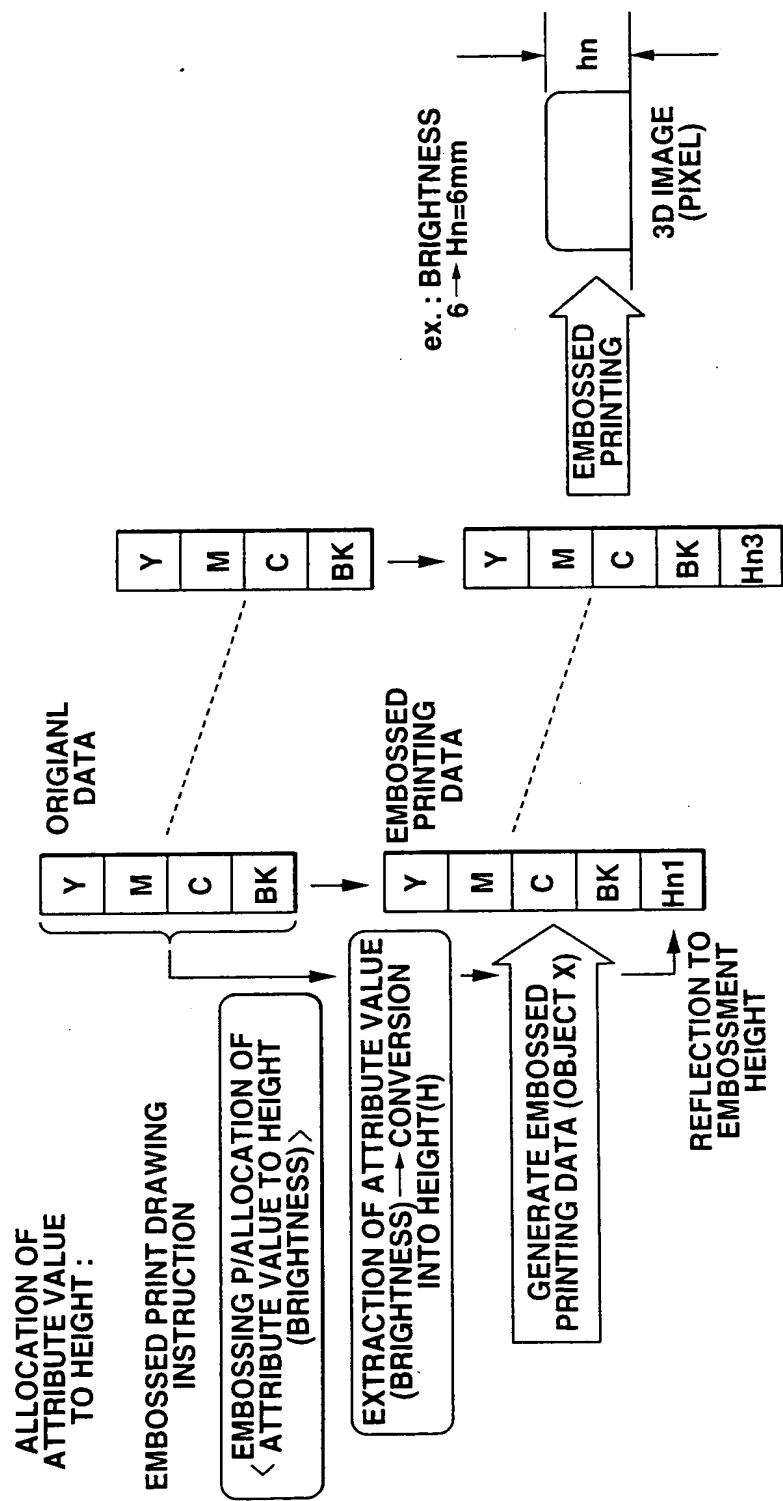


FIG.28

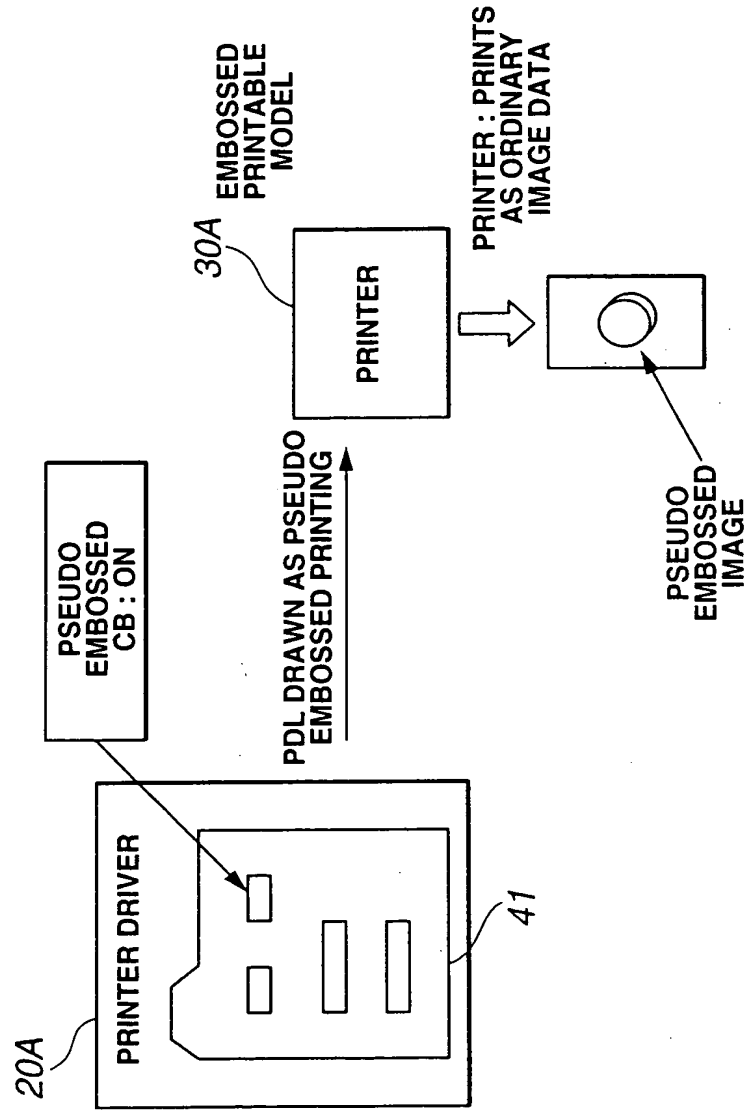


FIG.29

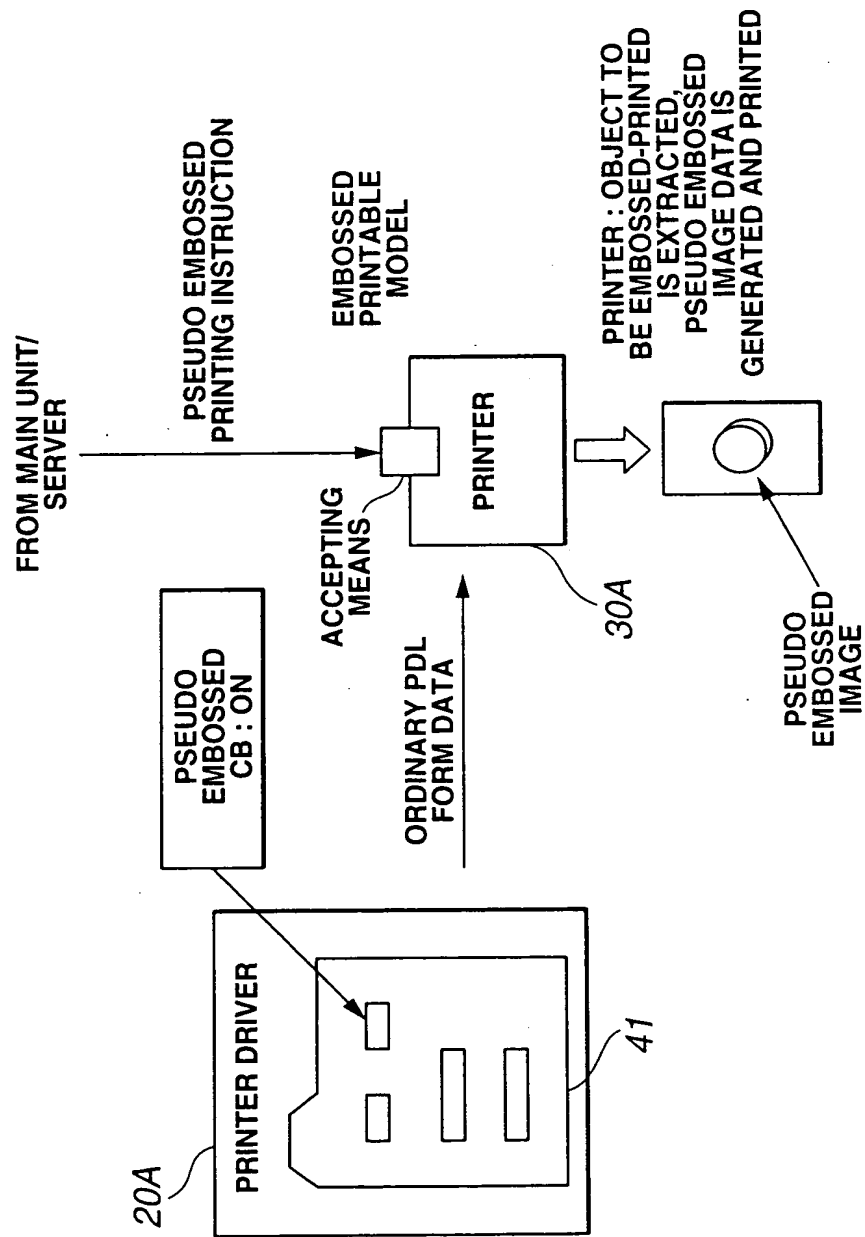


FIG.30

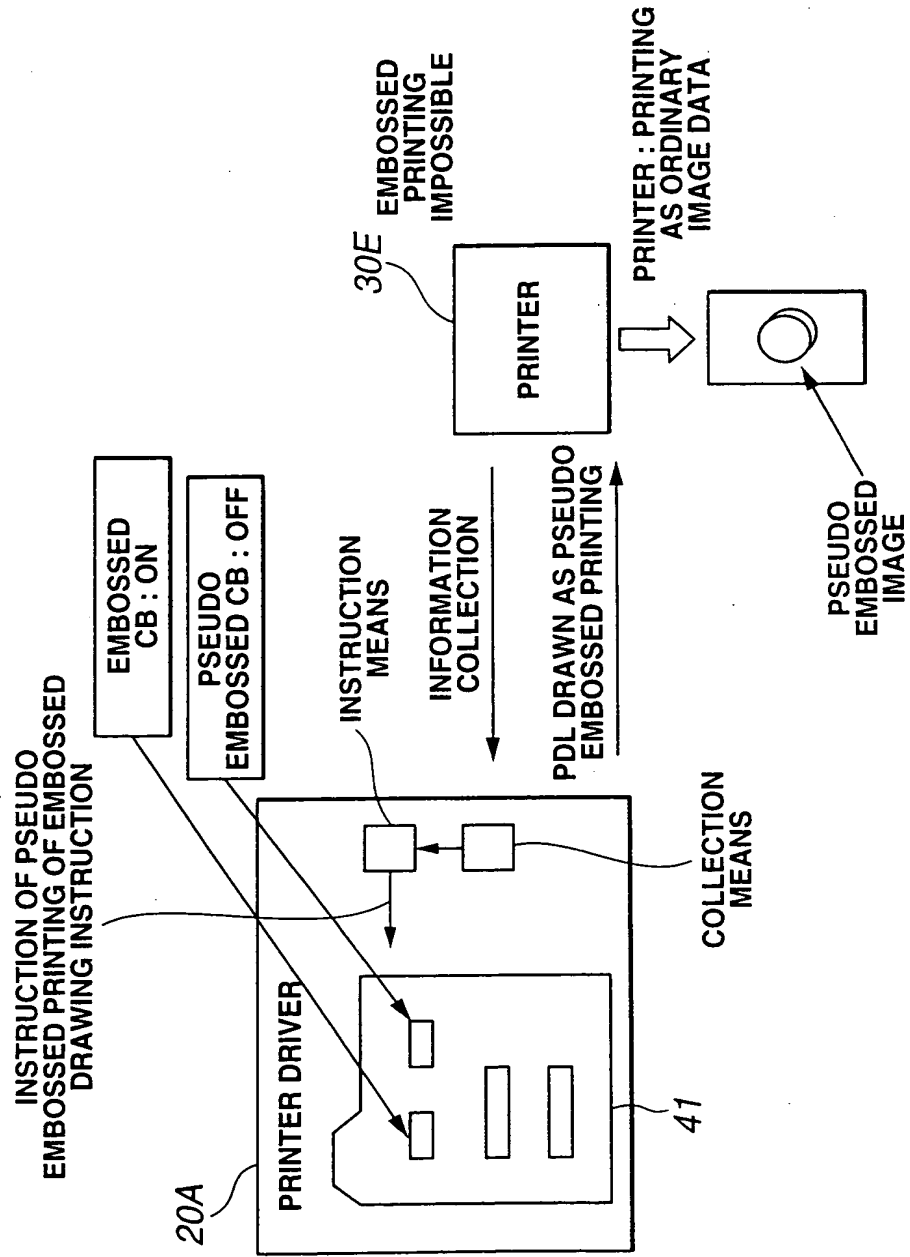


FIG.31

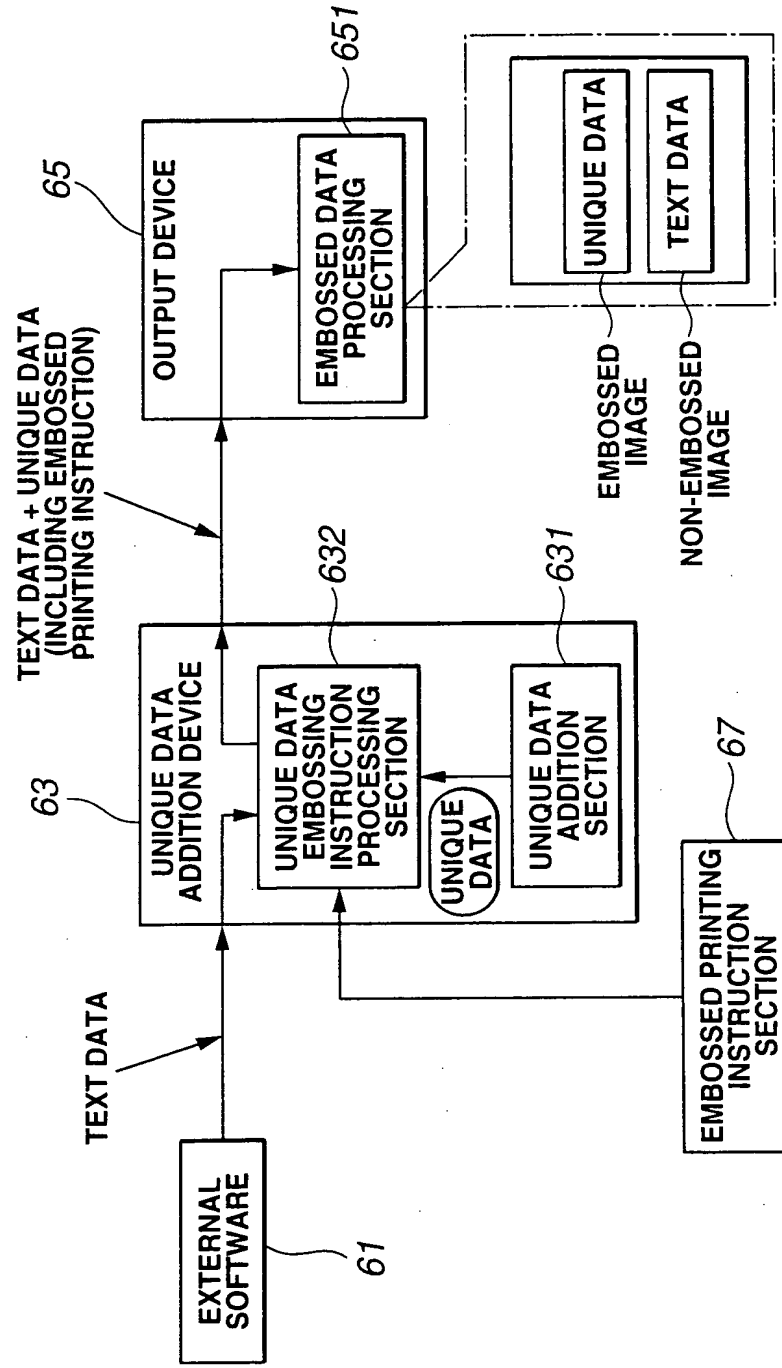


FIG.32

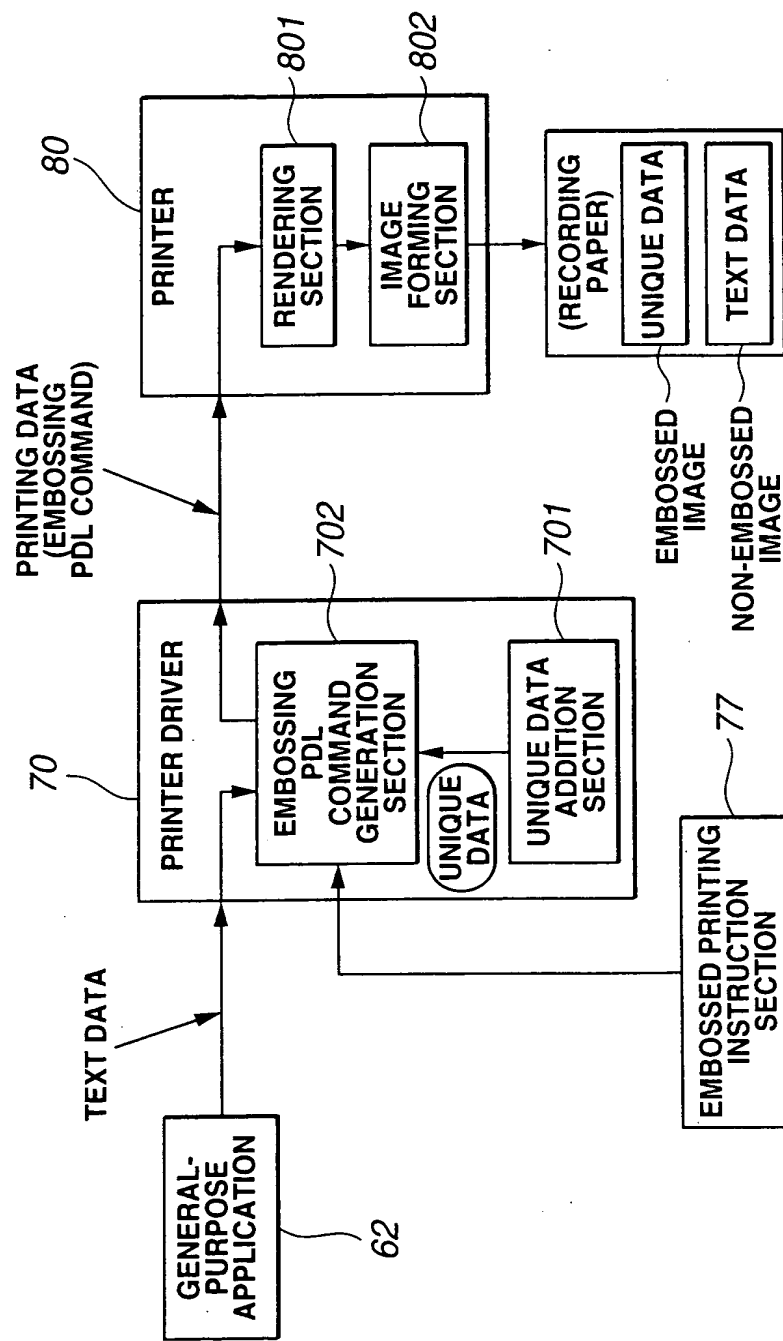


FIG.33

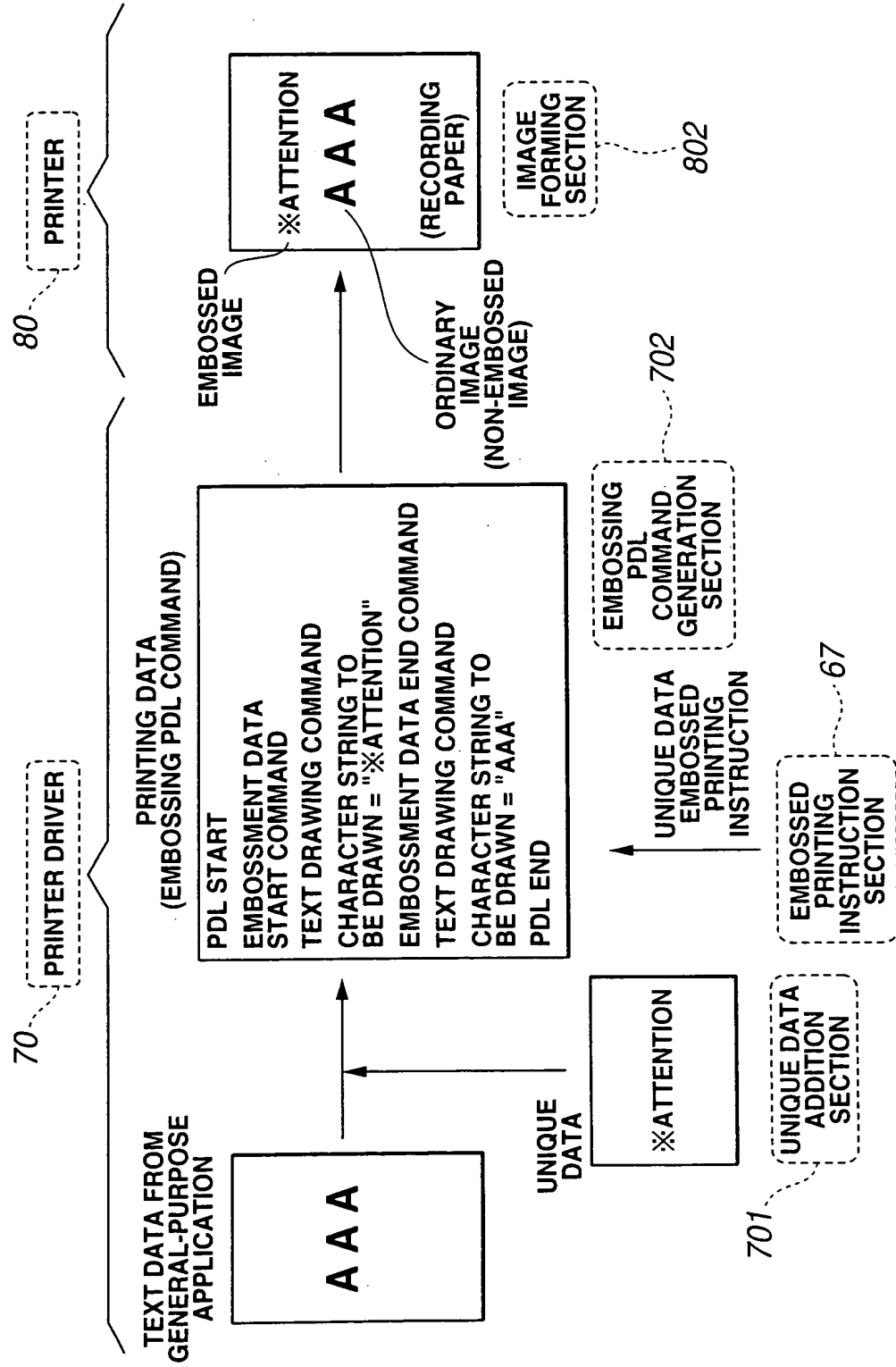


FIG.34

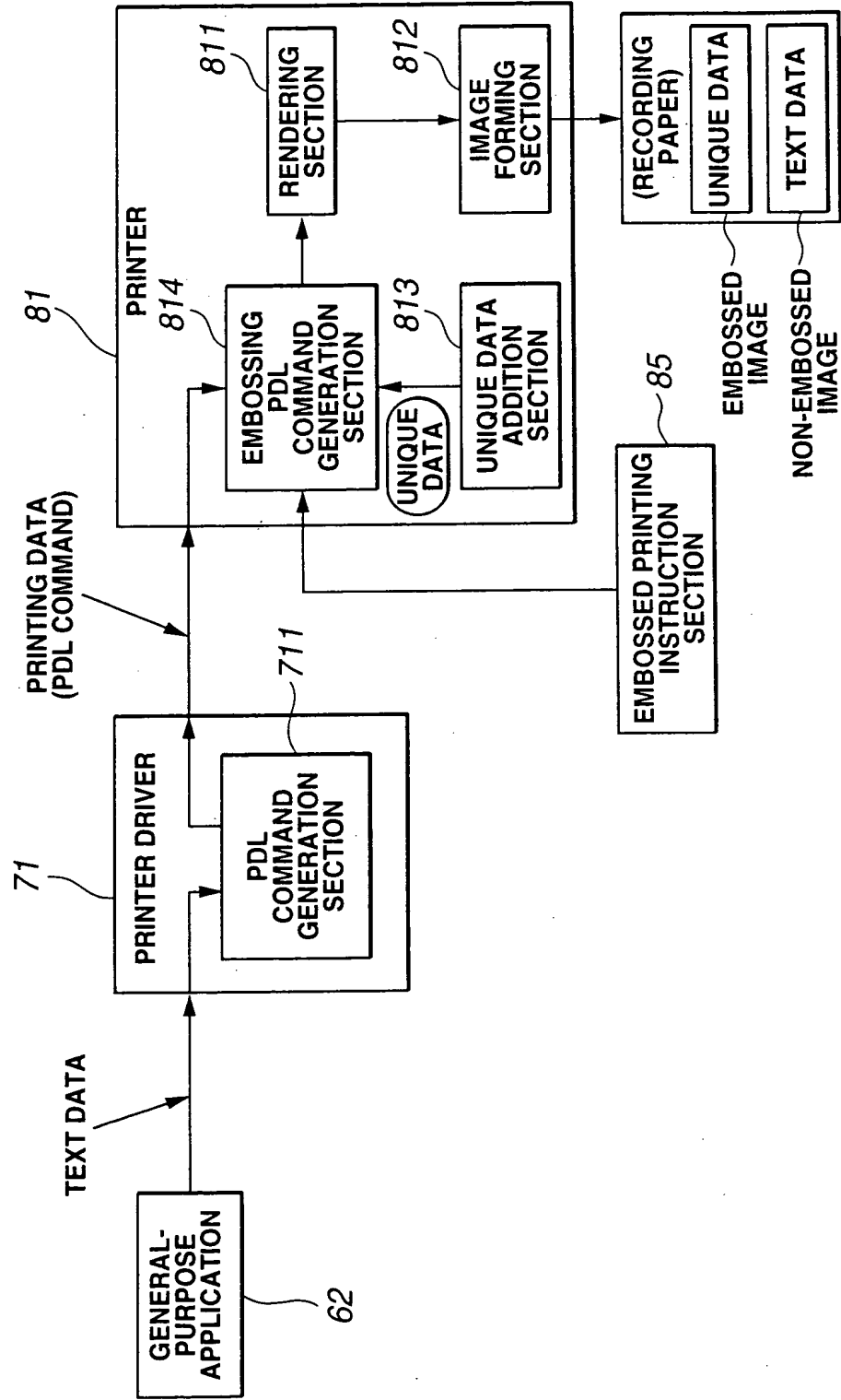


FIG. 35

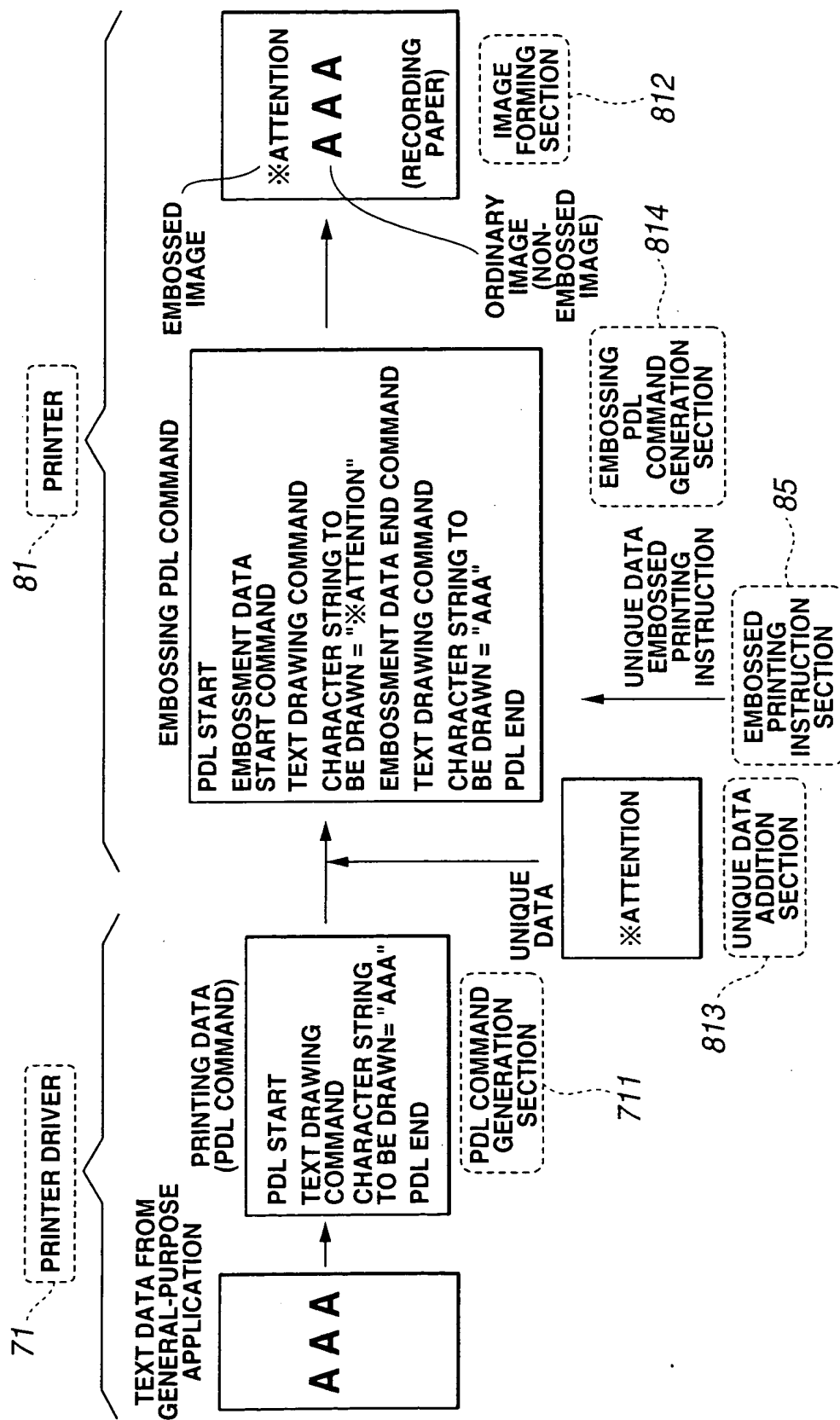


FIG.36

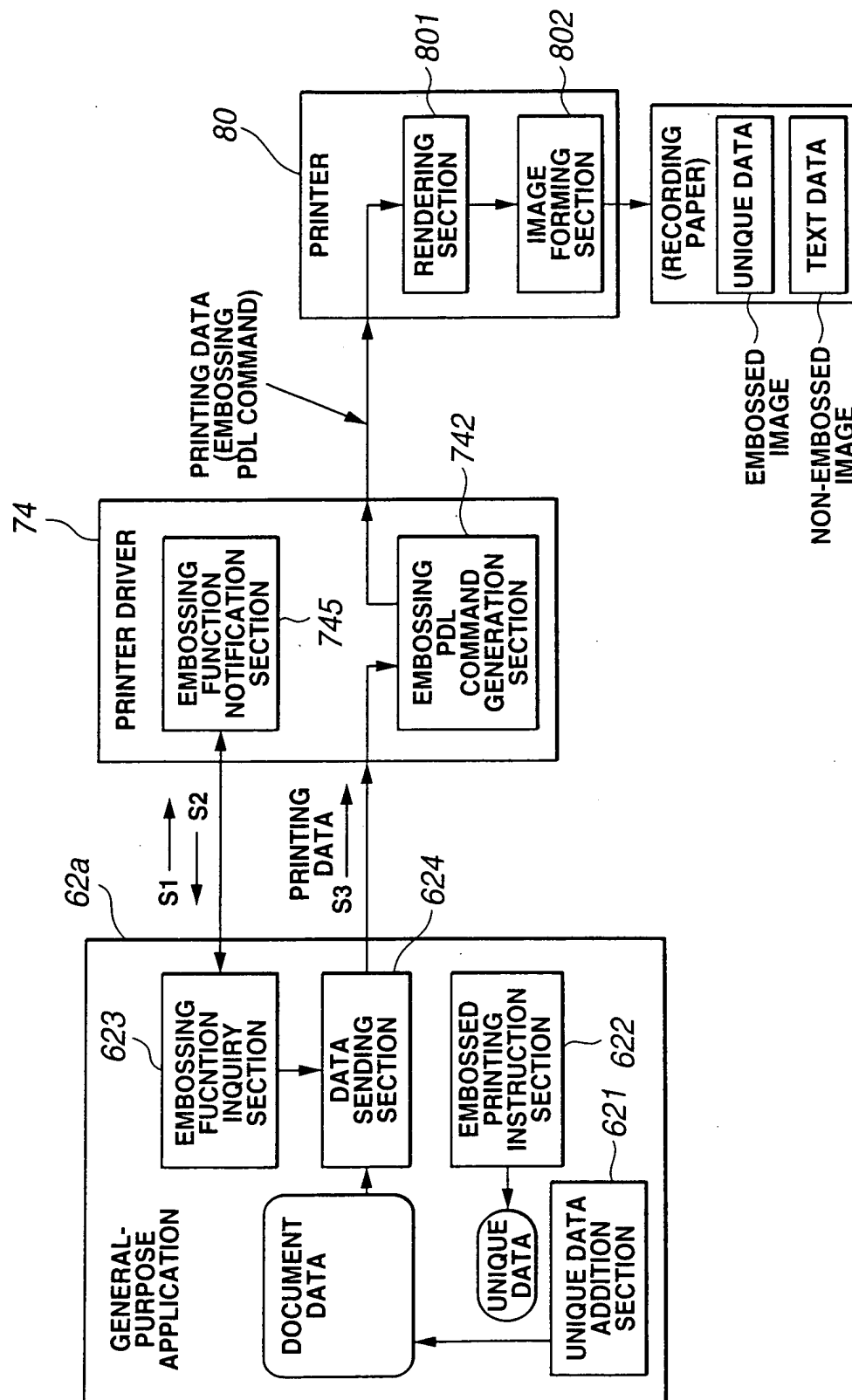


FIG.37

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EMBOSSSED PRINT SETTING

EMBOSSSED PRINT DESIGNATION

☒ **EMBOSSSED PRINTING**
☒ **PRINTING EMBOSSSED IMAGE LAST**

☐ **PSEUDO EMBOSSSED PRINTING**
☐ **PRINTING EMBOSSSED IMAGE FIRST**

EMBOSSING TARGET DESIGNATION

☒ **FONT**

Arial
▼

☐ **FONT MODIFICATION**

BOLD
▼

☒ **SPECIFIC SYMBOLS**

※ ○ △
▼

☒ **GRAPHIC**

RECTANGLE
▼

☒ **COLOR**

RED
▼

☐ **IMAGE** ☐ **OTHER**

STAMP
▼

VARIATION DESIGNATION

☒ **HEIGHT**

2mm
▼

☐ **EMBOSSSED SHAPE**

SEMICYLINDRICAL FORM
▼

☒ **COLOR ADDITION**

GRADATION 1
▼

☐ **DATA SCALING**

120%
▼

☐ **ENHANCEMENT OF A SOLID**

SHADOWING
▼

☐ **EMBOSSSED SURFACE PATTERN**

SHADE 1
▼

OVERLAP DESIGNATION

☒ **REFLECT OVERLAP**
☐ **DISREGARD OVERLAP**
☐ **NOT EMBOSS OVERLAP**
☐ **LOGIC OPERATION ON OVERLAP**

AND
▼

ALLOCATION OF ATTRIBUTE VALUE TO HEIGHT

☐ **CONVERT BRIGHTNESS INTO HEIGHT**
☐ **CONVERT CHROMA INTO HEIGHT**
☐ **CONVERT HUE INTO HEIGHT**
☐ **CONVERT DENSITY INTO HEIGHT**

FIG.38A

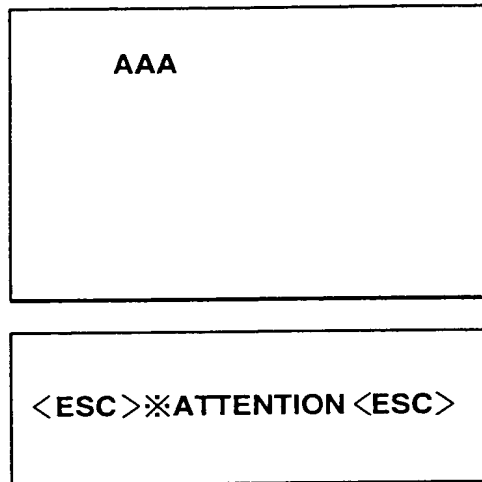


FIG.38B

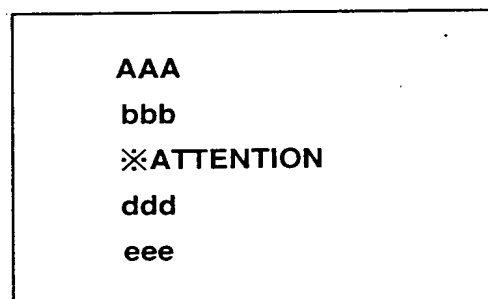


FIG.39

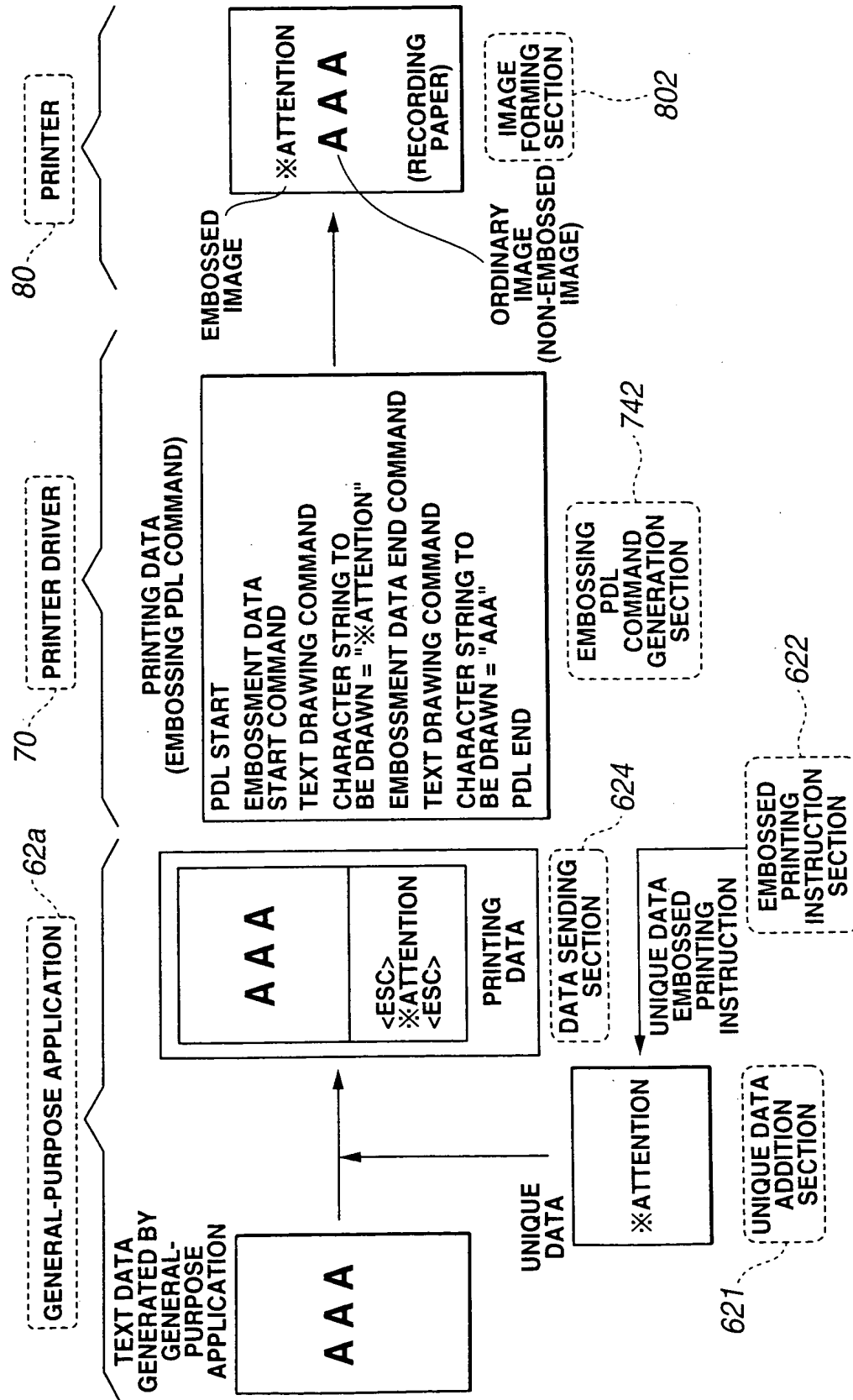


FIG. 40

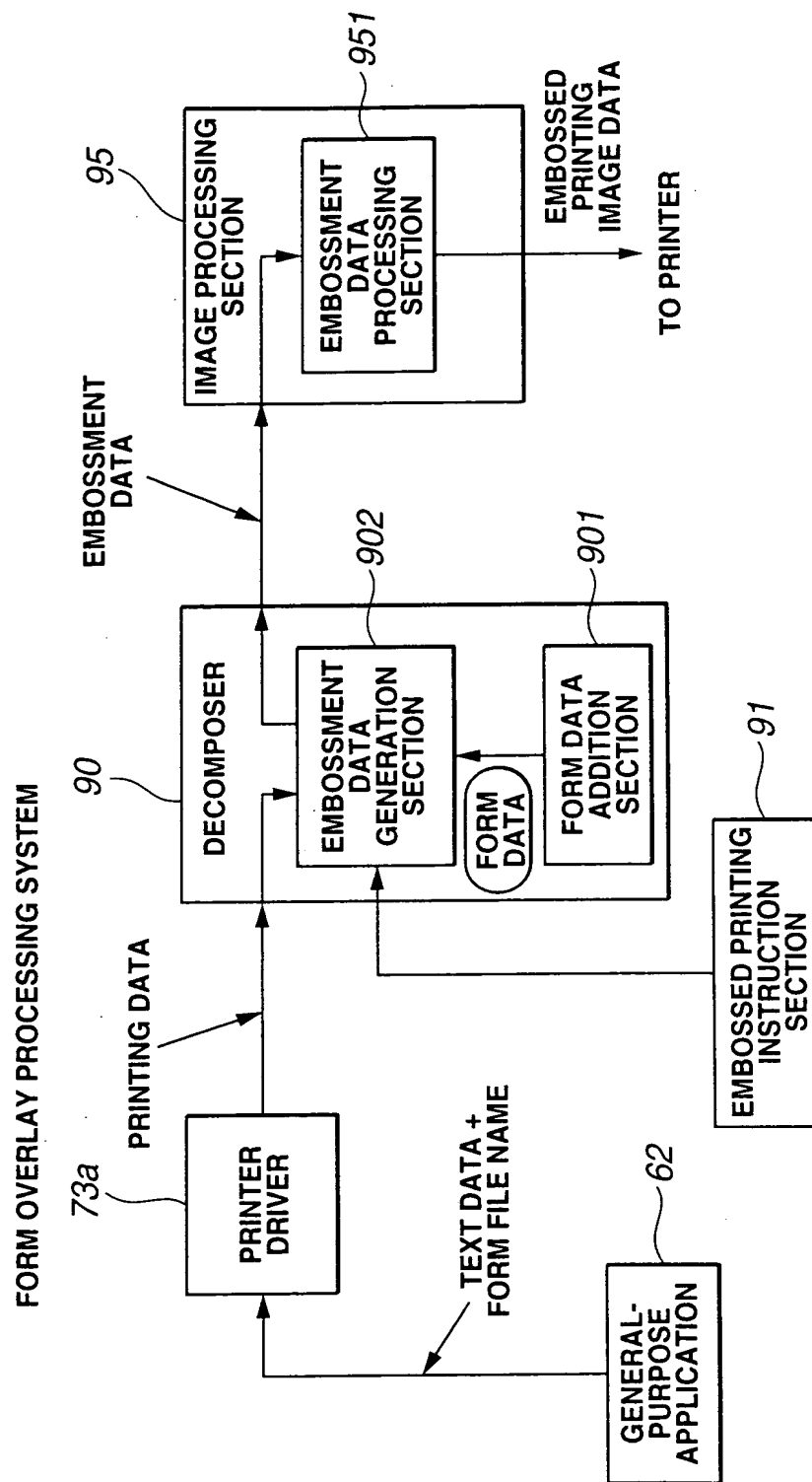


FIG.41

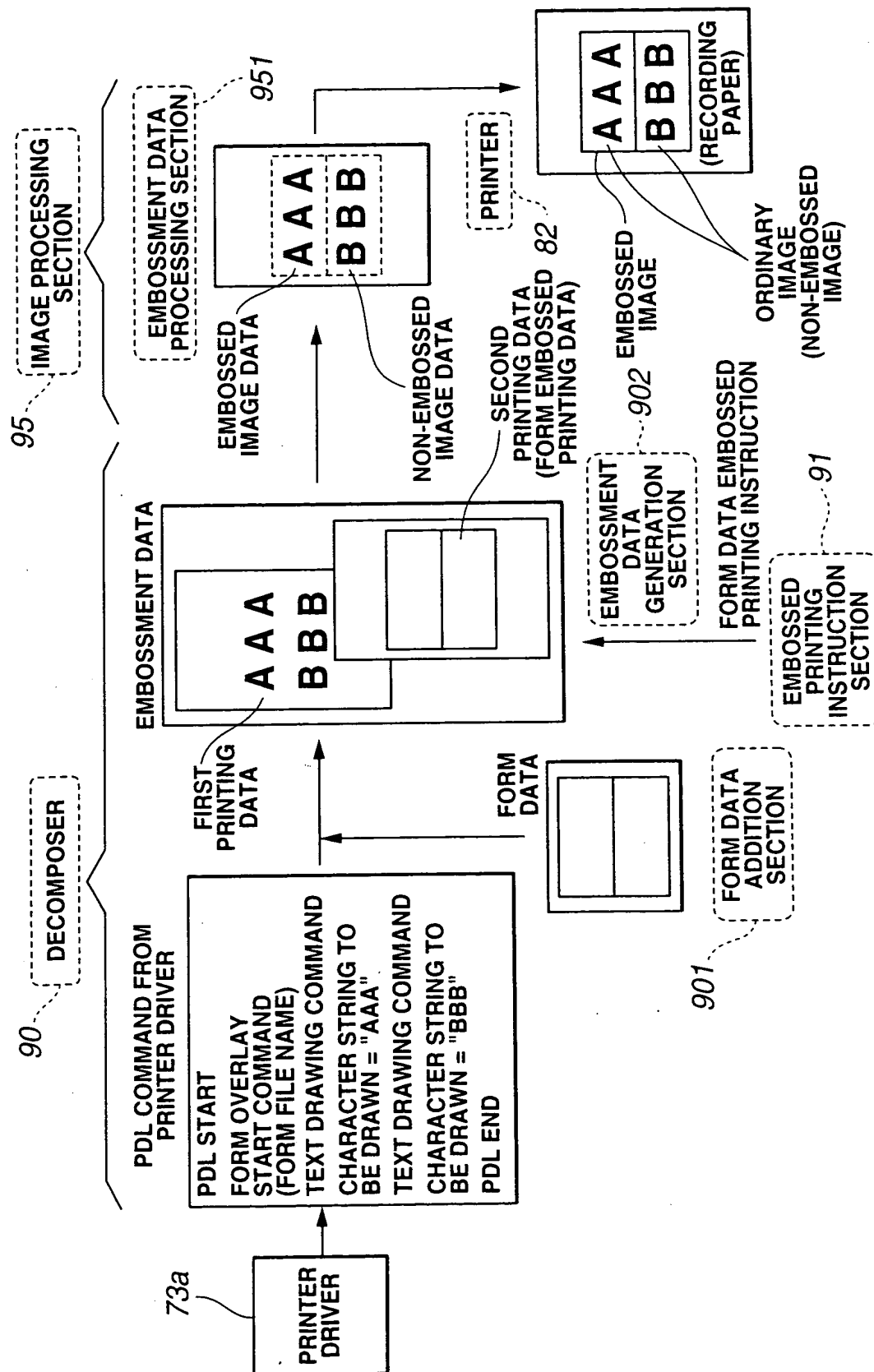


FIG. 42

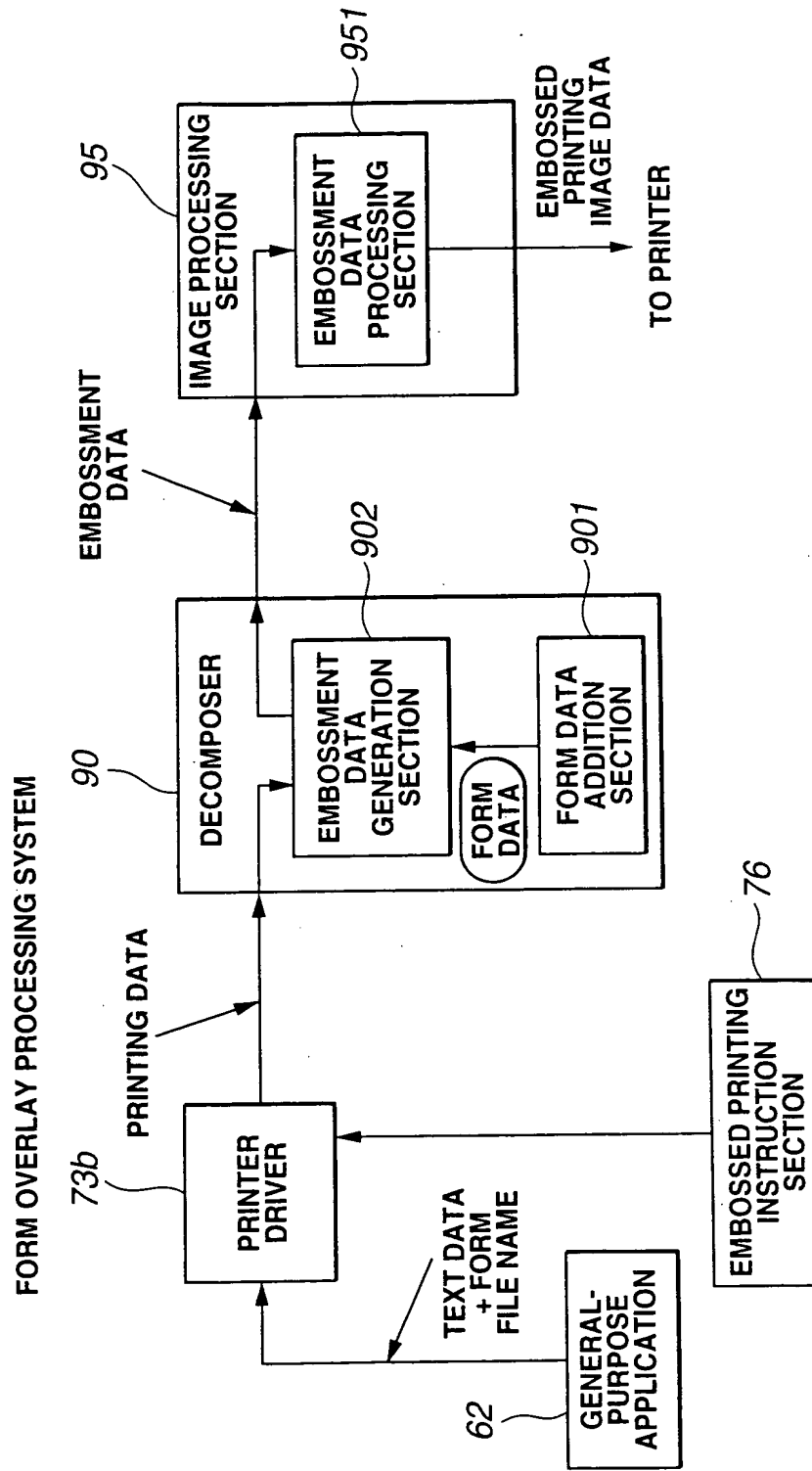


FIG. 43

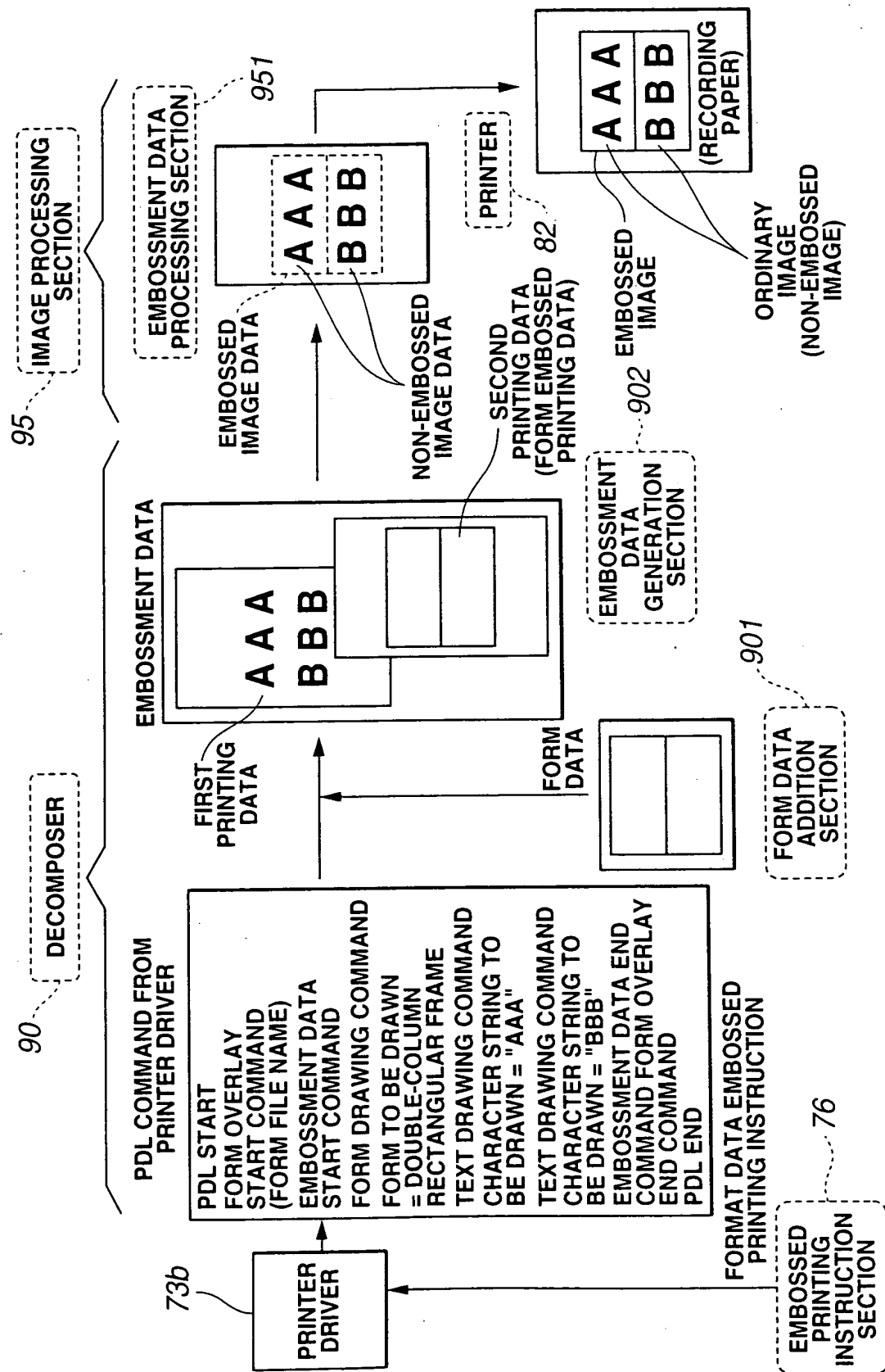


FIG.44
(PRIOR ART)

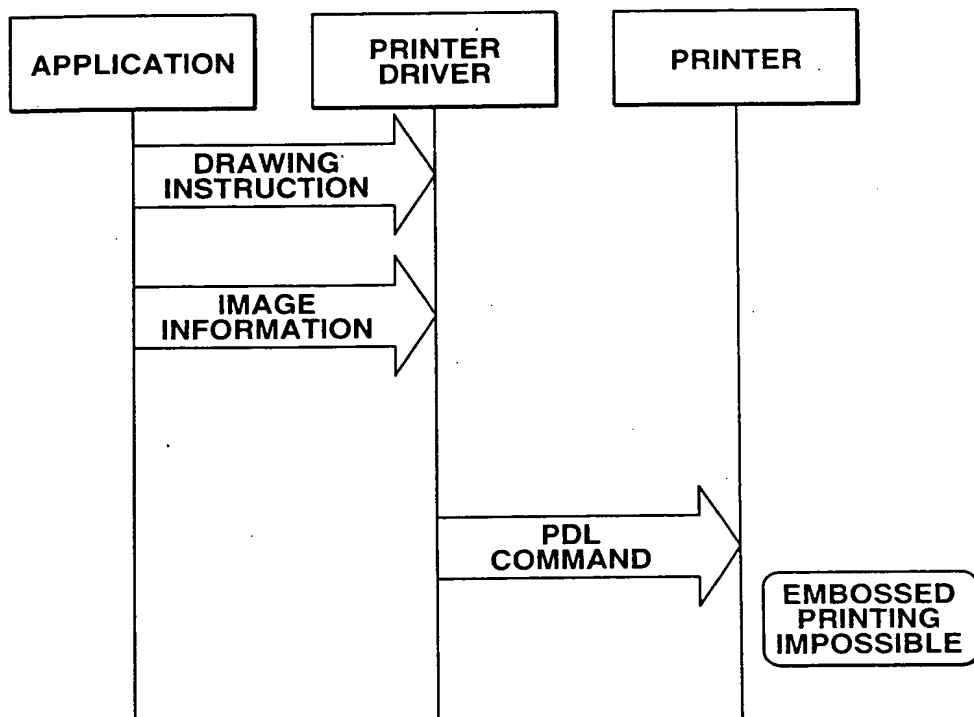


FIG.45
(PRIOR ART)

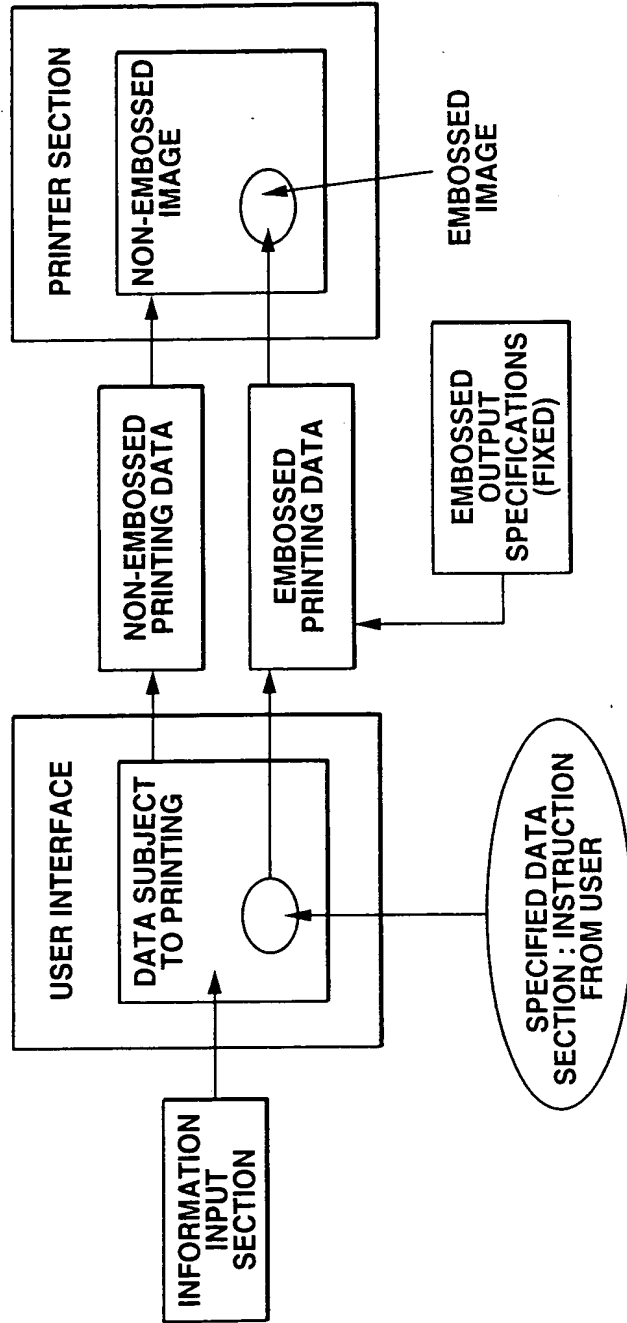


FIG. 46
(PRIOR ART)

